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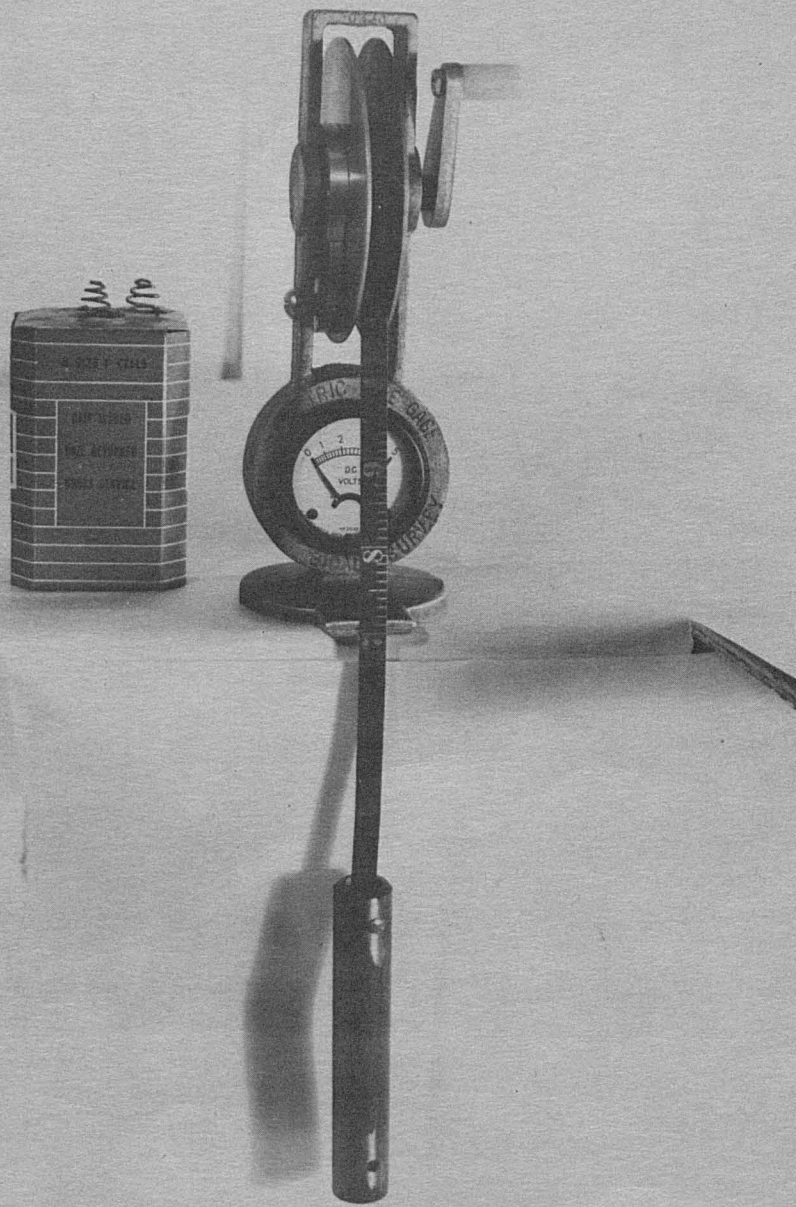
GREAT LAKES WATER LEVELS

U. S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Ocean Survey

1973



Electric Reference Tape Gage

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Great Lakes Water Levels 1860-1970. April 1971 (monthly mean).

Great Lakes Water Levels 1970. August 1972 (daily mean).

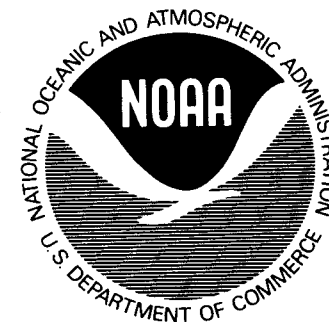
Great Lakes Water Levels 1971. January 1973 (daily mean).

Great Lakes Water Levels 1972. June 1973 (daily mean).



GREAT LAKES WATER LEVELS

1973

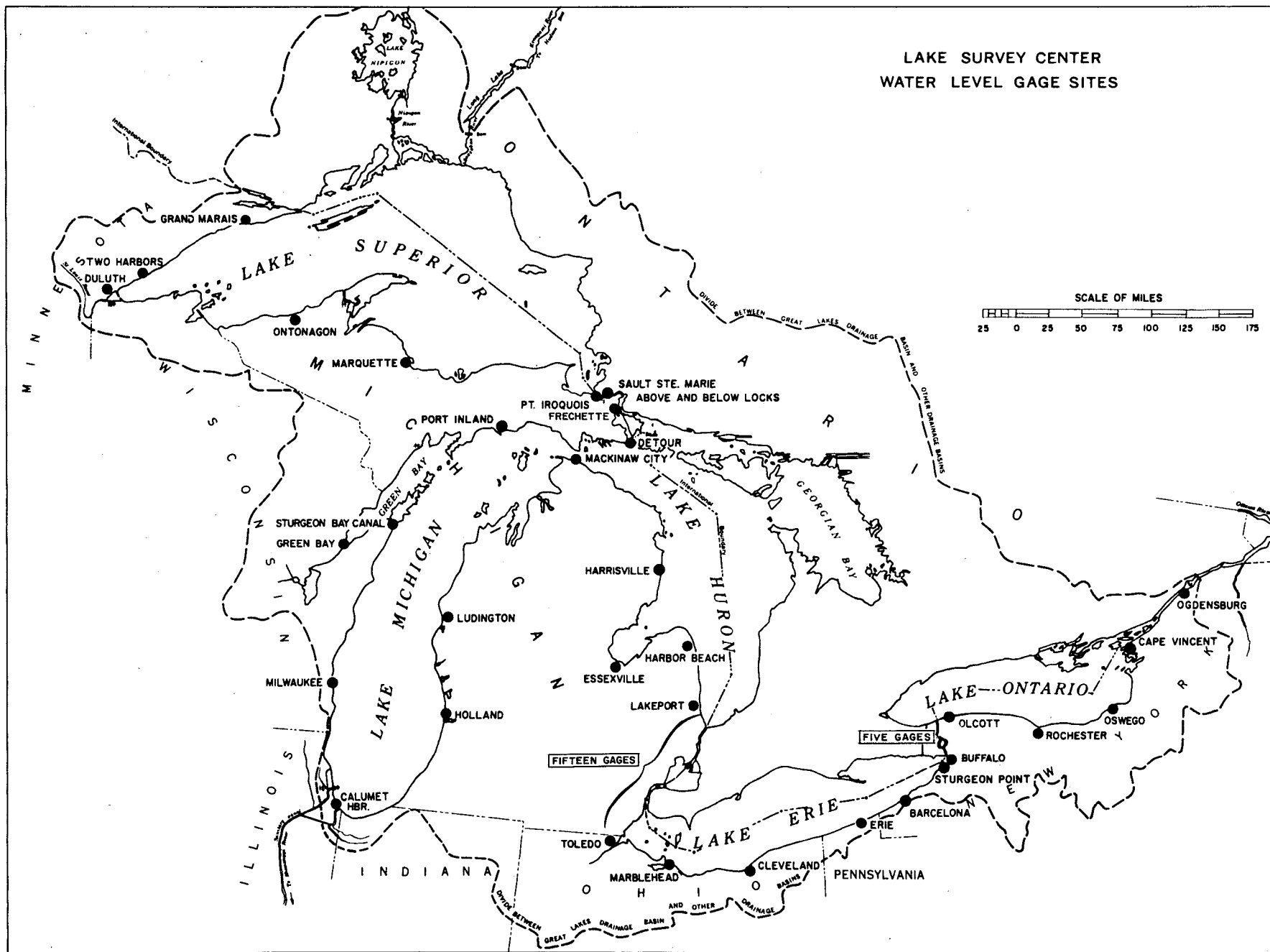


Daily and Monthly Average Water Surface Elevations

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Price \$2.50

LAKE SURVEY CENTER WATER LEVEL GAGE SITES



I N T R O D U C T I O N

General. This publication contains Lake Survey Center Great Lakes water level gage records and shows in tabular form daily and monthly average levels for each gage in the network for the calendar year. It also contains, in a separate table, the highest and lowest daily average for the month. In addition a frequency distribution table of daily average levels shows the number of times each month the recorded levels were above a specified elevation. The gages record water levels in either an analog or a digital form on strip charts which are retained for a period of ten years. Recorded hourly values were used to compute the daily averages and the monthly values were compiled from the daily averages. The diagram on the opposite page indicates the location of the recording water level gages. An index on the following pages lists the gage location, identification number, and geographic co-ordinates. The stations are arranged by location and are in numerical order.

Lake Survey Center. The Lake Survey Center is a part of the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) and operates under the National Ocean Survey (NOS). Lake Survey has been active in Great Lakes hydraulics and hydrography since 1841. In addition to operating and maintaining the water level gaging network, the Lake Survey compiles, prints, and distributes nautical charts of the Great Lakes and connecting channels. More recently the Limnology Division was established to undertake a program of fresh-water oceanographic research on the Great Lakes.

Plane of Reference. All tabulated elevations are referred to International Great Lakes Datum (1955) and are expressed in feet. An explanation of the datum (IGLD) can be obtained by writing the Lake Survey Center.

INDEX TO GAGING STATIONS

STATION NUMBER AND LOCATION		LATITUDE NORTH	LONGITUDE WEST	CHART DATUM
<u>ST. LAWRENCE RIVER</u>				
1030	Ogdensburg, New York	44° 42' 10"	75° 29' 40"	
2000	Cape Vincent, New York	44° 07' 45"	76° 20' 15"	
<u>LAKE ONTARIO</u>				
2030	OSWEGO, NEW YORK	43° 27' 51"	76° 30' 42"	242.8
2058	Rochester, New York	43° 16' 10"	77° 37' 34"	242.8
2076	Olcott, New York	43° 20' 17"	78° 43' 39"	242.8
<u>NIAGARA RIVER</u>				
3007	Ashland Avenue, Niagara Falls, New York	43° 06' 00"	79° 03' 35"	
3010	American Falls, Niagara Falls, New York	43° 04' 55"	79° 03' 45"	
3012	Niagara Intake, Niagara Falls, New York	43° 04' 40"	79° 00' 55"	
3017	Black Rock Canal, Buffalo, New York	42° 56' 02"	78° 54' 27"	
3117	Ontario St., Buffalo, New York	42° 56' 35"	78° 54' 37"	
<u>LAKE ERIE</u>				
3020	Buffalo, New York	42° 52' 39"	78° 53' 27"	568.6
3028	Sturgeon Point, New York	42° 41' 27"	79° 02' 52"	568.6
3032	Barcelona, New York	42° 20' 35"	79° 35' 50"	568.6
3038	Erie, Pennsylvania	42° 09' 15"	80° 04' 32"	568.6
3063	CLEVELAND, OHIO	41° 32' 27"	81° 38' 08"	568.6
3079	Marblehead, Ohio	41° 32' 40"	82° 43' 53"	568.6
3085	Toledo, Ohio	41° 41' 36"	83° 28' 20"	568.6
3090	Fermi Power Plant, Stony Point, Michigan	41° 57' 35"	83° 15' 30"	568.6
<u>DETROIT RIVER</u>				
4020	Gibraltar, Michigan	42° 05' 30"	83° 11' 10"	
4030	Wyandotte, Michigan	42° 12' 12"	83° 08' 50"	
4036	Fort Wayne, Detroit, Michigan	42° 17' 53"	83° 05' 34"	
4049	Windmill Point, Detroit, Michigan	42° 21' 26"	82° 55' 45"	
<u>LAKE ST. CLAIR</u>				
4052	ST. CLAIR SHORES, MICHIGAN	42° 28' 24"	82° 52' 45"	571.7

NOTE: Locations shown in CAPITAL letters are master gages.

INDEX TO GAGING STATIONS

STATION NUMBER AND LOCATION		LATITUDE NORTH	LONGITUDE WEST	CHART DATUM
<u>ST. CLAIR RIVER</u>				
4058*	Minnich, Harsens Island, Michigan	42° 34' 35"	82° 39' 20"	
4060*	St. Clair Flats, Michigan	42° 32' 21"	82° 40' 02"	
4070	Algonac, Michigan	42° 37' 15"	82° 31' 37"	
4080	St. Clair S.P., St. Clair, Michigan	42° 48' 45"	82° 29' 09"	
4084	Marysville, Michigan	42° 54' 22"	82° 27' 58"	
4087	Dry Dock, Port Huron, Michigan	42° 56' 43"	82° 26' 37"	
4090	Mouth of the Black River, Port Huron, Michigan	42° 58' 25"	82° 25' 16"	
4096	Dunn Paper Company, Port Huron, Michigan	43° 00' 12"	82° 25' 20"	
4098	Fort Gratiot, Port Huron, Michigan	43° 00' 23"	82° 25' 21"	
<u>LAKE HURON</u>				
5002	Lakeport, Michigan	43° 08' 30"	82° 29' 35"	576.8
5014	HARBOR BEACH, MICHIGAN	43° 50' 45"	82° 38' 38"	576.8
5034	Essexville, Michigan	43° 38' 29"	83° 50' 48"	576.8
5059	Harrisville, Michigan	44° 39' 34"	83° 17' 11"	576.8
5080	Mackinaw City, Michigan	45° 46' 40"	84° 43' 10"	576.8
5098	DeTour, Michigan	46° 01' 00"	83° 55' 15"	
<u>ST. MARYS RIVER</u>				
6050*	Frechette Point, Michigan	46° 27' 40"	84° 17' 10"	
6060	U.S. Slip, Below Locks, Sault Ste. Marie, Michigan	46° 30' 03"	84° 20' 24"	
6070	S.W. Pier, Above Locks, Sault Ste. Marie, Michigan	46° 30' 05"	84° 22' 21"	
<u>LAKE MICHIGAN</u>				
7023	Ludington, Michigan	43° 56' 48"	86° 26' 30"	576.8
7031	Holland, Michigan	42° 46' 05"	86° 12' 06"	576.8
7044	Calumet Harbor, S. Chicago, Illinois	41° 43' 48"	87° 32' 18"	576.8
7057	Milwaukee, Wisconsin	43° 00' 05"	87° 53' 13"	576.8
7072	Sturgeon Bay Canal, Wisconsin	44° 47' 40"	87° 18' 48"	576.8
7078	Green Bay, Wisconsin	44° 32' 27"	88° 00' 30"	576.8
7096	Port Inland, Michigan	45° 58' 10"	85° 52' 20"	576.8
<u>LAKE SUPERIOR</u>				
9004	POINT IROQUOIS, MICHIGAN	46° 29' 06"	84° 37' 52"	600.0
9016	Marquette, Michigan	46° 32' 29"	87° 23' 26"	600.0
9044	Ontonagon, Michigan	46° 52' 40"	89° 19' 15"	600.0
9064	Duluth, Minnesota	46° 46' 32"	92° 05' 34"	600.0
9070	Two Harbors, Minnesota	47° 01' 03"	91° 40' 30"	600.0
9090	Grand Marais, Minnesota	47° 44' 53"	90° 20' 30"	600.0

NOTE: Locations shown in CAPITAL letters are master gages.

* Indicates temporary gages.

ANNUAL SUMMARY OF LEVELS
ROGDENSBURG, N.Y. ON ST. LAWRENCE RIVER

YEARLY MEAN ELEVATION 245.16 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 246.89 MAY 1973
DAILY MEAN ELEVATION 247.14 13 MAY 1973
INSTANT/HOURLY ELEVATION 247.30 2000 11 MAY 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.36	23	JAN	1973
245.50	3	FEB	1973
246.26	18	MAR	1973
246.92	29	APR	1973
247.14	13	MAY	1973
247.00	1	JUN	1973
246.53	8	JUL	1973
245.64	6	AUG	1973
245.06	6	SEP	1973
244.22	14	OCT	1973
243.88	1	NOV	1973
244.64	30	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 243.33 NOV 1973
DAILY MEAN ELEVATION 242.70 29 OCT 1973
INSTANT/HOURLY ELEVATION 242.34 0400 30 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
244.68	3	JAN	1973
244.79	27	FEB	1973
244.68	5	MAR	1973
245.86	1	APR	1973
246.61	1	MAY	1973
246.36	17	JUN	1973
245.54	31	JUL	1973
244.97	24	AUG	1973
243.89	24	SEP	1973
242.70	29	OCT	1973
242.88	15	NOV	1973
242.71	17	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
247.20													0
247.00					6	1							7
246.80				9	18	10							44
246.60				9	7	3							63
246.40				6		14	5						88
246.20			2	3		2	8						103
246.00			6	1			3						113
245.80			4	2			5						124
245.60			5				5	4					138
245.40			2				5	10					157
245.20	4	6	3					5					175
245.00	9	12	2					11	2				211
244.80	13	7	3					1	8				243
244.60	5	1	4						2			1	256
244.40									1				257
244.20									6	1		1	265
244.00									8	3		2	278
243.80									3	8	3	1	293
243.60										6	1	3	303
243.40										7	8	4	322
243.20										3	8	4	337
243.00											6	13	356
242.80										1	4	1	362
242.60										2		1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 1030

DAILY WATER LEVELS

MOGENSENBURG, N.Y. ON ST. LAWRENCE RIVER

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10 JAN 73	245.00	244.97	244.68	245.27	245.31
11	20 JAN 73	245.16	245.02	244.95	245.00	244.96
21	31 JAN 73	245.00	244.87	244.90	245.36	245.28
1	10 FEB 73	245.03	245.19	245.50	245.48	245.39
11	20 FEB 73	245.02	245.01	245.11	244.99	245.02
21	28 FEB 73	245.10	244.94	244.98	245.03	245.04
1	10 MAR 73	244.87	244.76	244.68	244.87	244.68
11	20 MAR 73	245.35	245.64	245.59	245.47	245.67
21	31 MAR 73	245.53	245.92	245.75	245.97	246.12
1	10 APR 73	245.86	245.99	246.23	246.16	246.44
11	20 APR 73	246.85	246.83	246.76	246.82	246.75
21	30 APR 73	246.60	246.68	246.87	246.90	246.87
1	10 MAY 73	246.61	246.82	246.98	247.08	246.95
11	20 MAY 73	247.04	247.04	247.14	247.03	246.92
21	31 MAY 73	246.89	246.87	246.93	246.85	246.76
1	10 JUN 73	247.00	246.82	246.76	246.82	246.77
11	20 JUN 73	246.87	246.85	246.80	246.80	246.60
21	30 JUN 73	246.65	246.56	246.53	246.53	246.50
1	10 JUL 73	246.44	246.36	246.40	246.37	246.48
11	20 JUL 73	246.18	246.15	246.33	246.40	246.22
21	31 JUL 73	246.04	245.70	245.63	245.55	245.55
1	10 AUG 73	245.47	245.56	245.59	245.61	245.62
11	20 AUG 73	245.61	245.57	245.52	245.47	245.30
21	31 AUG 73	245.33	245.28	245.11	245.13	244.97
1	10 SEP 73	245.03	244.99	244.94	244.86	244.88
11	20 SEP 73	244.92	244.64	244.48	244.29	244.31
21	30 SEP 73	244.45	244.14	244.21	244.16	243.89
1	10 OCT 73	243.86	243.95	244.02	243.94	244.19
11	20 OCT 73	243.62	243.72	243.89	244.22	244.04
21	31 OCT 73	243.64	243.54	243.53	243.55	243.43
1	10 NOV 73	243.88	243.81	243.81	243.60	243.55
11	20 NOV 73	243.28	243.41	243.29	243.34	242.88
21	30 NOV 73	243.33	243.02	243.32	243.20	243.07
1	10 DEC 73	243.21	243.08	243.30	243.14	243.10
11	20 DEC 73	243.30	243.18	243.14	243.18	243.13
21	31 DEC 73	243.40	243.49	243.61	243.69	243.44

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 1030

ANNUAL SUMMARY OF LEVELS
CAPE VINCENT, N.Y. ON ST. LAWRENCE RIVER

YEARLY MEAN ELEVATION 246.21 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 247.89 MAY 1973
DAILY MEAN ELEVATION 248.00 13 MAY 1973
INSTANT/HOURLY ELEVATION 248.19 1700 11 MAY 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
247.90	28	APR	1973
248.00	13	MAY	1973
247.97	9	JUN	1973
247.63	5	JUL	1973
246.85	2	AUG	1973
246.10	1	SEP	1973
245.21	5	OCT	1973
244.81	1	NOV	1973
244.76	29	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 244.18 DEC 1973
DAILY MEAN ELEVATION 243.92 19 DEC 1973
INSTANT/HOURLY ELEVATION 243.70 0800 17 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
247.61	17	APR	1973
247.73	1	MAY	1973
247.61	26	JUN	1973
246.84	31	JUL	1973
246.10	31	AUG	1973
245.05	30	SEP	1973
244.12	29	OCT	1973
244.01	15	NOV	1973
243.92	19	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
248.20													0
248.00					1								1
247.80				3	27	15							46
247.60				12	3	15	1						77
247.40							14						91
247.20							3						94
247.00							3						97
246.80							10	3					110
246.60								9					119
246.40								4					123
246.20								7					130
246.00								8	4				142
245.80									7				149
245.60									2				151
245.40									5				156
245.20									7	1			164
245.00									5				174
244.80										5			186
244.60										11	1		192
244.40										4	1	1	207
244.20										6	5	4	223
244.00										2	9	5	255
243.80										2	14	16	260
												5	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

DAILY WATER LEVELS

CAPE VINCENT, N.Y., ON ST. LAWRENCE RIVER

		MONTHLY MEANS												HIGH INSTANT/HOURLY LOW							
DAY	MONTH													DAY TIME		ELEV.		DAY TIME		ELEV.	
1	10	JAN 73																			
11	20	JAN 73																			
21	31	JAN 73																			
1	10	FEB 73																			
11	20	FEB 73																			
21	28	FEB 73																			
1	10	MAR 73																			
11	20	MAR 73																			
21	31	MAR 73																			
1	10	APR 73																			
11	20	APR 73																			
21	30	APR 73	247.72	247.72	247.75	247.74	247.80	247.69	247.66	247.61	247.64	247.67	247.64	28	1700	248.04	17	0600	247.46		
1	10	MAY 73																			
11	20	MAY 73																			
21	31	MAY 73	247.89	247.93	247.94	247.90	247.88	247.86	247.85	247.76	247.78	247.86	247.84	247.96	11	1700	248.19	1	1600	247.58	
1	10	JUN 73																			
11	20	JUN 73																			
21	30	JUN 73	247.80	247.72	247.70	247.68	247.67	247.65	247.61	247.63	247.66	247.69	247.66	14	1600	248.06	26	2200	247.53		
1	10	JUL 73																			
11	20	JUL 73																			
21	31	JUL 73	247.27	247.05	246.98	246.92	246.90	246.89	246.89	246.97	246.93	246.93	246.87	246.84	5	1500	247.74	28	1400	246.76	
1	10	AUG 73																			
11	20	AUG 73																			
21	31	AUG 73	246.45	246.34	246.23	246.21	246.11	246.12	246.12	246.13	246.14	246.14	246.14	246.10	1	2400	246.97	31	0600	245.76	
1	10	SEP 73																			
11	20	SEP 73																			
21	30	SEP 73	245.58	245.29	245.40	245.30	245.20	245.20	245.22	245.22	245.17	245.12	245.05	6	1500	246.27	29	2400	244.97		
1	10	OCT 73																			
11	20	OCT 73																			
21	31	OCT 73	244.75	244.52	244.58	244.58	244.51	244.49	244.54	244.39	244.16	244.12	244.30	244.43	5	0900	245.74	30	0700	244.00	
1	10	NOV 73																			
11	20	NOV 73																			
21	30	NOV 73	244.27	244.11	244.16	244.13	244.10	244.06	244.02	244.10	244.21	244.31	244.25	1	1600	245.21	2-	1500	243.71		
1	10	DEC 73																			
11	20	DEC 73																			
21	31	DEC 73	244.18	244.15	244.09	244.12	244.16	244.08	244.00	243.92	244.05	243.92	243.99	244.57	29	1100	245.42	17	0800	243.70	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

ANNUAL SUMMARY OF LEVELS
OSWEGO, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 246.25 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 247.92 MAY 1973
DAILY MEAN ELEVATION 247.99 2 JUN 1973
INSTANT/HOURLY ELEVATION 248.35 1317 10 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
246.16	29	JAN	1973
246.40	8	FEB	1973
247.09	27	MAR	1973
247.96	29	APR	1973
247.98	18	MAY	1973
247.99	2	JUN	1973
247.66	5	JUL	1973
246.87	1	AUG	1973
246.08	1	SEP	1973
245.30	5	OCT	1973
244.81	3	NOV	1973
244.77	30	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 244.35 DEC 1973
DAILY MEAN ELEVATION 244.15 21 NOV 1973
INSTANT/HOURLY ELEVATION 243.77 1300 24 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.37	3	JAN	1973
245.88	1	FEB	1973
246.05	1	MAR	1973
247.12	1	APR	1973
247.81	8	MAY	1973
247.60	26	JUN	1973
246.83	31	JUL	1973
246.08	27	AUG	1973
245.13	30	SEP	1973
244.39	29	OCT	1973
244.15	21	NOV	1973
244.16	19	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
248.00													0
247.80				9	31	16							56
247.60				13		14	3						86
247.40				5			12						103
247.20				2			2						107
247.00			9	1			6						123
246.80			5				8	3					139
246.60			1					9					149
246.40			5					3					157
246.20		21	3					8					189
246.00	2	5	8					8	6				218
245.80	8	2							6				234
245.60	17								1				252
245.40	3								6				261
245.20	1								9	1			272
245.00									2	9			283
244.80										8	1		292
244.60										5	5	3	305
244.40										6	7	5	323
244.20										2	13	18	356
244.00											4	5	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

DAILY WATER LEVELS

OSWEGO, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.	
1	10	JAN 73	245.54	245.57	245.37	245.57	245.77	245.73	245.68	245.62	245.74	245.73					
11	20	JAN 73	245.75	245.80	245.63	245.66	245.72	245.74	245.68	245.68	245.72	245.90					
21	31	JAN 73	245.77	245.72	245.69	245.89	246.00	245.93	245.92	245.93	245.97	246.16	246.11	245.93	30 1640	246.42 4 0300 244.97	
1	10	FEB 73	245.88	245.96	246.35	246.27	246.25	246.19	246.28	246.40	246.38	246.39					
11	20	FEB 73	246.32	246.31	246.30	246.23	246.35	246.38	246.30	246.32	246.25	246.22					
21	28	FEB 73	246.25	246.22	246.32	246.30	246.29	246.20	246.18	246.12	246.07			8 1335	246.61 1 1135	245.68	
1	10	MAR 73	246.05	246.10	246.06	246.14	246.08	246.11	246.11	246.23	246.24	246.20					
11	20	MAR 73	246.24	246.42	246.43	246.43	246.47	246.54	246.67	247.04	247.03	246.96					
21	31	MAR 73	246.61	246.94	247.00	247.00	247.03	247.01	247.09	247.09	247.01	247.00	247.06	247.08	14 2005	247.34 14 2238	245.50
1	10	APR 73	247.12	247.31	247.38	247.45	247.59	247.54	247.55	247.60	247.52	247.64					
11	20	APR 73	247.86	247.79	247.78	247.74	247.71	247.71	247.75	247.75	247.76	247.77					
21	30	APR 73	247.69	247.74	247.78	247.80	247.84	247.82	247.81	247.80	247.94	247.96	247.88	29 0900	248.06 1 0300	247.00	
1	10	MAY 73	247.84	247.83	247.90	247.95	247.96	247.92	247.87	247.81	247.88	247.88					
11	20	MAY 73	247.97	247.97	247.96	247.92	247.93	247.90	247.94	247.98	247.94	247.91					
21	31	MAY 73	247.92	247.94	247.93	247.92	247.94	247.92	247.89	247.85	247.90	247.93	247.96	247.97	3 1212	248.32 3 1155	247.61
1	10	JUN 73	247.98	247.99	247.95	247.94	247.92	247.92	247.94	247.92	247.95	247.95					
11	20	JUN 73	247.93	247.93	247.95	247.98	247.89	247.88	247.79	247.73	247.74	247.71					
21	30	JUN 73	247.82	247.72	247.70	247.68	247.67	247.67	247.60	247.63	247.61	247.67	247.66	10 1317	248.35 29 0320	247.39	
1	10	JUL 73	247.61	247.58	247.56	247.58	247.66	247.63	247.59	247.59	247.59	247.57					
11	20	JUL 73	247.57	247.50	247.41	247.48	247.42	247.37	247.28	247.20	247.16	247.14					
21	31	JUL 73	247.28	247.11	247.04	246.96	246.90	246.86	246.86	246.90	246.93	247.01	246.90	246.83	14 0310	247.88 28 1805	246.56
1	10	AUG 73	246.87	246.83	246.82	246.80	246.77	246.71	246.67	246.64	246.63	246.64					
11	20	AUG 73	246.65	246.68	246.60	246.52	246.47	246.40	246.34	246.32	246.28	246.21					
21	31	AUG 73	246.44	246.25	246.26	246.20	246.21	246.19	246.15	246.08	246.15	246.18	246.15	246.12	2 0840	246.96 28 0555	245.86
1	10	SEP 73	246.08	246.06	246.02	246.00	245.95	246.04	246.07	246.04	245.92	245.82					
11	20	SEP 73	245.88	245.82	245.72	245.58	245.58	245.57	245.39	245.50	245.42	245.46					
21	30	SEP 73	245.62	245.37	245.29	245.38	245.36	245.23	245.22	245.24	245.20	245.22	245.13	6 1002	246.36 22 1118	244.58	
1	10	OCT 73	245.07	245.05	245.10	245.08	245.30	245.17	245.08	245.04	245.00	244.97					
11	20	OCT 73	244.90	244.85	244.83	245.02	244.98	245.08	244.96	244.89	244.80	244.80					
21	31	OCT 73	244.84	244.72	244.65	244.62	244.60	244.55	244.59	244.59	244.39	244.39	244.53	244.48	5 1040	245.83 29 0920	244.13
1	10	NOV 73	244.75	244.62	244.81	244.69	244.62	244.74	244.53	244.51	244.52	244.46					
11	20	NOV 73	244.37	244.25	244.26	244.28	244.27	244.47	244.49	244.33	244.31	244.23					
21	30	NOV 73	244.41	244.15	244.24	244.24	244.17	244.31	244.19	244.16	244.31	244.48	244.40	1 1800	245.04 24 1300	243.77	
1	10	DEC 73	244.34	244.17	244.19	244.23	244.23	244.34	244.29	244.22	244.26	244.30					
11	20	DEC 73	244.34	244.28	244.19	244.40	244.34	244.32	244.43	244.36	244.16	244.19					
21	31	DEC 73	244.35	244.31	244.38	244.41	244.27	244.21	244.39	244.49	244.63	244.60	244.77	244.67	29 2400	245.04 20 0400	243.96

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

ANNUAL SUMMARY OF LEVELS
ROCHESTER, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 246.26 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 247.95 MAY 1973
DAILY MEAN ELEVATION 248.00 9 JUN 1973
INSTANT/HOURLY ELEVATION 248.40 1340 28 MAY 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
246.04	29	JAN	1973
246.40	16	FEB	1973
247.11	31	MAR	1973
247.90	29	APR	1973
248.00	30	MAY	1973
248.00	9	JUN	1973
247.66	1	JUL	1973
246.87	1	AUG	1973
246.10	1	SEP	1973
245.18	5	OCT	1973
244.67	3	NOV	1973
244.75	31	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 244.38 DEC 1973
DAILY MEAN ELEVATION 244.25 24 NOV 1973
INSTANT/HOURLY ELEVATION 243.94 0300 25 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.43	1	JAN	1973
245.99	1	FEB	1973
246.12	1	MAR	1973
247.19	1	APR	1973
247.87	2	MAY	1973
247.64	29	JUN	1973
246.86	31	JUL	1973
246.14	26	AUG	1973
245.18	30	SEP	1973
244.49	28	OCT	1973
244.25	24	NOV	1973
244.26	19	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
248.20													0
248.00					2	1							3
247.80				9	29	16							57
247.60				15		13	6						91
247.40				3			7						101
247.20				2			4						107
247.00			8	1			7						123
246.80			6				7	4					140
246.60			1					8					149
246.40			4					3					156
246.20		23	6					10					195
246.00	1	4	6					6	4				216
245.80	8	1							5				230
245.60	17								4				251
245.40	5								5				261
245.20									11				272
245.00									1	9			282
244.80										10			292
244.60										5	3	3	303
244.40										7	7	5	322
244.20											20	23	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2058

DAILY WATER LEVELS
ROCHESTER, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS												HIGH INSTANT/HOURLY LOW DAY TIME ELEV, DAY TIME ELEV,							
1	10	JAN	73	245.43	245.49	245.50	245.48	245.60	245.68	245.66	245.63	245.61	245.61								
11	20	JAN	73	245.67	245.74	245.67	245.66	245.69	245.71	245.72	245.72	245.74	245.84								
21	31	JAN	73	245.74	245.80	245.77	245.78	245.88	245.92	245.95	245.95	245.96	246.04	245.98	246.00	30	2150	246.24	4	0230	244.85
1	10	FEB	73	245.99	246.05	246.20	246.25	246.29	246.25	246.29	246.38	246.39	246.37								
11	20	FEB	73	246.36	246.31	246.28	246.28	246.36	246.40	246.32	246.26	246.26	246.27								
21	28	FEB	73	246.27	246.30	246.29	246.27	246.28	246.26	246.23	246.18	246.14									
														9	0200	246.49	2	1900	245.79		
1	10	MAR	73	246.12	246.15	246.14	246.18	246.16	246.21	246.18	246.23	246.27	246.31								
11	20	MAR	73	246.33	246.39	246.44	246.55	246.52	246.59	246.73	246.88	246.97	246.99								
21	31	MAR	73	246.64	246.99	247.00	247.00	247.02	247.04	247.08	247.04	247.06	247.07	247.09	247.11	14	1810	247.54	11	1635	245.45
1	10	APR	73	247.19	247.28	247.38	247.48	247.54	247.60	247.66	247.66	247.66	247.69								
11	20	APR	73	247.76	247.76	247.77	247.76	247.75	247.73	247.76	247.76	247.73	247.81								
21	30	APR	73	247.70	247.80	247.78	247.79	247.83	247.81	247.81	247.85	247.87	247.90	247.89	27	2000	247.99	1	0800	247.06	
1	10	MAY	73	247.87	247.87	247.93	247.96	247.97	247.95	247.93	247.90	247.92	247.88								
11	20	MAY	73	247.91	247.95	247.95	247.96	247.95	247.92	247.96	247.99	247.98	247.98								
21	31	MAY	73	247.95	247.99	247.99	247.99	247.97	247.96	247.98	247.95	247.98	248.00	248.00	247.97	28	1340	248.40	3	1031	247.55
1	10	JUN	73	247.99	247.99	247.97	247.92	247.96	247.96	247.98	247.97	248.00	247.95								
11	20	JUN	73	247.95	247.94	247.93	247.94	247.91	247.84	247.80	247.78	247.77	247.74								
21	30	JUN	73	247.84	247.70	247.72	247.69	247.70	247.71	247.68	247.65	247.66	247.66	2	0322	248.39	29	0235	247.43		
1	10	JUL	73	247.66	247.64	247.61	247.61	247.65	247.62	247.56	247.55	247.56	247.51								
11	20	JUL	73	247.53	247.46	247.35	247.47	247.39	247.31	247.25	247.19	247.17	247.16								
21	31	JUL	73	247.29	247.14	247.08	247.02	246.96	246.92	246.91	246.87	246.97	247.01	246.96	246.86	6	1335	247.81	28	1620	246.52
1	10	AUG	73	246.87	246.81	246.81	246.83	246.80	246.73	246.71	246.66	246.66	246.67								
11	20	AUG	73	246.66	246.64	246.60	246.51	246.44	246.38	246.35	246.34	246.30	246.26								
21	31	AUG	73	246.46	246.22	246.24	246.25	246.25	246.21	246.14	246.16	246.16	246.17	246.17	246.15	5	1655	246.95	27	0740	245.68
1	10	SEP	73	246.10	246.04	246.02	245.97	245.88	246.00	246.08	246.00	245.91	245.74								
11	20	SEP	73	245.76	245.79	245.70	245.60	245.52	245.52	245.44	245.46	245.39	245.40								
21	30	SEP	73	245.61	245.37	245.36	245.38	245.36	245.30	245.26	245.22	245.21	245.24	245.18	6	2037	246.26	22	1100	245.01	
1	10	OCT	73	245.13	245.09	245.09	245.11	245.18	245.17	245.10	245.05	245.02	244.96								
11	20	OCT	73	244.94	244.92	244.87	244.98	244.99	244.97	244.92	244.88	244.82	244.80								
21	31	OCT	73	244.86	244.76	244.69	244.65	244.66	244.59	244.60	244.58	244.49	244.53	244.56	244.51	5	0632	245.65	30	1315	244.26
1	10	NOV	73	244.52	244.60	244.67	244.64	244.61	244.57	244.51	244.45	244.50	244.44								
11	20	NOV	73	244.36	244.28	244.32	244.32	244.39	244.39	244.36	244.34	244.36	244.31								
21	30	NOV	73	244.40	244.26	244.26	244.27	244.25	244.31	244.26	244.30	244.28	244.38	244.36	4	1000	244.76	25	0300	243.94	
1	10	DEC	73	244.41	244.30	244.26	244.30	244.31	244.28	244.33	244.30	244.30	244.28								
11	20	DEC	73	244.32	244.35	244.32	244.39	244.38	244.33	244.37	244.32	244.26	244.30								
21	31	DEC	73	244.38	244.41	244.39	244.38	244.38	244.30	244.43	244.52	244.56	244.65	244.67	244.75	31	2100	244.85	20	0200	244.07

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2053

ANNUAL SUMMARY OF LEVELS
MLCOTT, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 246.29 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 247.99 MAY 1973
DAILY MEAN ELEVATION 248.10 19 JUN 1973
INSTANT/HOURLY ELEVATION 248.87 1800 22 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
246.16	31	JAN	1973
246.43	11	FEB	1973
247.20	31	MAR	1973
247.95	30	APR	1973
248.06	30	MAY	1973
248.10	19	JUN	1973
247.75	1	JUL	1973
246.88	9	AUG	1973
246.10	1	SEP	1973
245.23	1	OCT	1973
244.62	2	NOV	1973
244.78	31	DEC	1973

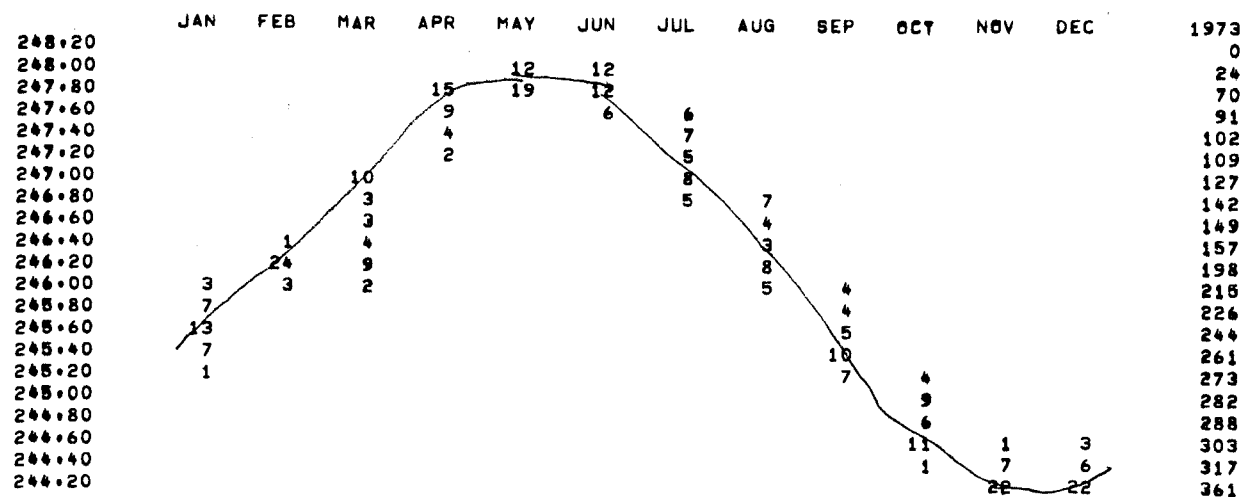
LOWEST

MONTHLY MEAN ELEVATION 244.40 NOV 1973
DAILY MEAN ELEVATION 244.28 18 DEC 1973
INSTANT/HOURLY ELEVATION 244.05 1600 28 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.29	1	JAN	1973
246.11	3	FEB	1973
246.19	1	MAR	1973
247.31	1	APR	1973
247.92	5	MAY	1973
247.74	26	JUN	1973
246.86	31	JUL	1973
246.13	31	AUG	1973
245.25	30	SEP	1973
244.60	27	OCT	1973
244.28	29	NOV	1973
244.28	18	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS



INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

DAILY WATER LEVELS
OLCOTT, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.									
1	10	JAN	73	245.29	245.41	245.54	245.41	245.46	245.60	245.61	245.62	245.55	245.55									
11	20	JAN	73	245.62	245.64	245.70	245.67	245.68	245.63	245.75	245.77	245.77	245.76									
21	31	JAN	73	245.72	245.86	245.90	245.77	245.87	245.88	246.00	246.02	246.01	245.97	245.94	246.16	31	2100	246.23	1	1600	245.18	
1	10	FEB	73	246.14	246.16	246.11	246.22	246.33	246.39	246.33	246.34	246.38	246.40									
11	20	FEB	73	246.43	246.36	246.33	246.40	246.38	246.38	246.32	246.27	246.27	246.29									
21	28	FEB	73	246.30	246.32	246.27	246.27	246.26	246.29	246.27	246.28	246.21	10 2300 246.56 2 2000 245.98									
1	10	MAR	73	246.19	246.24	246.24	246.20	246.31	246.31	246.34	246.32	246.39	246.38									
11	20	MAR	73	246.48	246.40	246.48	246.59	246.57	246.65	246.77	246.72	246.86	246.95									
21	31	MAR	73	246.69	247.00	247.02	247.01	247.04	247.11	247.09	247.11	247.15	247.15	247.17	247.20	31	2400	247.34	1	0700	246.10	
1	10	APR	73	247.31	247.34	247.41	247.51	247.51	247.60	247.67	247.68	247.77	247.67									
11	20	APR	73	247.67	247.73	247.75	247.77	247.79	247.81	247.81	247.83	247.85	247.86									
21	30	APR	73	247.73	247.82	247.84	247.84	247.81	247.85	247.85	247.86	247.83	247.87	247.95	30	1600	248.01	1	2000	247.21		
1	10	MAY	73	247.97	247.95	247.96	247.93	247.92	247.93	247.99	248.00	247.97	248.00									
11	20	MAY	73	247.97	247.99	247.96	248.00	247.97	247.99	247.98	247.94	247.95	247.98									
21	31	MAY	73	247.99	247.95	247.99	248.02	248.03	248.01	248.04	248.06	248.06	248.03	248.06	248.05	28	0600	248.23	3	1300	247.81	
1	10	JUN	73	248.05	248.04	248.06	247.99	248.03	248.04	248.05	248.04	248.01	248.00									
11	20	JUN	73	247.97	247.95	247.93	247.95	247.95	248.07	248.04	247.88	248.10	247.94									
21	30	JUN	73	247.93	247.86	247.90	247.82	247.80	247.78	247.74	247.76	247.76	247.77	247.75	22	1800	248.87	27	0700	247.62		
1	10	JUL	73	247.75	247.70	247.68	247.66	247.66	247.63	247.59	247.57	247.53	247.50									
11	20	JUL	73	247.46	247.40	247.43	247.41	247.35	247.31	247.26	247.21	247.17	247.18									
21	31	JUL	73	247.31	247.14	247.08	247.06	247.00	246.98	247.03	247.01	247.02	246.97	246.92	246.86	1	1900	247.87	31	2400	246.82	
1	10	AUG	73	246.87	246.82	246.85	246.85								246.88	246.86						
11	20	AUG	73	246.83	246.80	246.73	246.71	246.64	246.49	246.41	246.39	246.38	246.42									
21	31	AUG	73	246.51	246.40	246.36	246.34	246.33	246.26	246.22	246.20	246.19	246.16	246.14	246.13	10	1300	246.99	28	0700	246.02	
1	10	SEP	73	246.10	246.08	246.03	246.01	245.99	245.98	245.97	245.89	245.80	245.73									
11	20	SEP	73	245.77	245.73	245.66	245.57	245.49	245.46	245.51	245.45	245.45	245.44									
21	30	SEP	73	245.62	245.42	245.43	245.42	245.39	245.40	245.33	245.33	245.33	245.31	245.25	1	0900	246.18	30	2200	245.15		
1	10	OCT	73	245.23	245.21	245.19	245.22	245.19	245.21	245.17	245.09	245.04	245.04									
11	20	OCT	73	245.03	245.01	245.01	244.93	244.93	244.86	244.88	244.87	244.87	244.80									
21	31	OCT	73	244.91	244.75	244.72	244.71	244.71	244.68	244.62	244.60	244.65	244.70	244.66	244.64	1	1200	245.33	30	1000	244.46	
1	10	NOV	73	244.51	244.52	244.55	244.55	244.53	244.43	244.49	244.40	244.43	244.38									
11	20	NOV	73	244.36	244.35	244.35	244.32	244.40	244.39	244.31	244.38	244.36	244.39									
21	30	NOV	73	244.40	244.38	244.33	244.32	244.37	244.37	244.38	244.35	244.31	244.28	244.30	2	1100	244.84	28	1600	244.05		
1	10	DEC	73	244.36	244.39	244.30	244.36	244.33	244.28	244.34	244.35	244.33	244.31									
11	20	DEC	73	244.34	244.38	244.42	244.39	244.39	244.36	244.30	244.28	244.34	244.39									
21	31	DEC	73	244.41	244.36	244.38	244.35	244.41	244.47	244.50	244.57	244.54	244.66	244.61	244.78	31	1900	244.91	9	1900	244.16	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

ANNUAL SUMMARY OF LEVELS
ASHLAND AVE, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 324.70 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 326.89 JUN 1973
DAILY MEAN ELEVATION 330.34 18 MAR 1973
INSTANT/HOURLY ELEVATION 338.39 1300 4 JAN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
329.45	4	JAN	1973
326.11	3	FEB	1973
330.34	18	MAR	1973
328.16	11	APR	1973
327.98	3	MAY	1973
327.63	1	JUN	1973
327.80	13	JUL	1973
326.52	2	AUG	1973
326.53	6	SEP	1973
326.37	14	OCT	1973
328.02	1	NOV	1973
325.69	6	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 321.59 DEC 1973
DAILY MEAN ELEVATION 318.80 16 DEC 1973
INSTANT/HOURLY ELEVATION 315.33 0300 30 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
320.20	31	JAN	1973
320.19	27	FEB	1973
321.62	5	MAR	1973
325.13	8	APR	1973
325.49	27	MAY	1973
324.19	17	JUN	1973
325.39	23	JUL	1973
324.60	26	AUG	1973
321.31	30	SEP	1973
320.80	28	OCT	1973
320.25	26	NOV	1973
318.80	16	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

INT = .5

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
330.50													0
330.00			1										1
329.50													1
329.00	1												2
328.50													2
328.00	1			2									6
327.50	3			2	2	1	2				1		16
327.00	2			10	7	13	7						55
326.50	2		1	8	11	14	8	1	1				101
326.00	2	1		4	8	1	9	12	3	1			142
325.50	1	1		2	2		4	13	4	1		1	171
325.00	3			2	1		1	4	4	4		1	191
324.50	4		1					1	3	2	1	1	204
324.00	3	7	7			1			2	2	1		227
323.50	1	4	5						6	6	2		251
323.00	3	3	3						3	6	1	1	271
322.50	3	3	4						2	3	2	4	292
322.00		2	6						1	1	3	3	308
321.50		1	3							2	8	4	326
321.00		3							1		4	4	340
320.50	1	1								2	4	3	350
320.00	1	2								1	4	4	360
319.50											3	3	363
319.00												1	364
318.50												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3007

321.00

01-49

FEB

51-99

321.00

320.50

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4↓
3

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1

DOWN

DAILY WATER LEVELS

ASHLAND AVE. NIAGARA FALLS, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10	JAN 73	327.90	325.71	324.93	329.45	327.13	325.31	324.11	324.22	325.40	327.65				
11	20	JAN 73	327.53	323.47	320.68	322.66	322.88	324.64	328.49	326.87	326.22	326.71				
21	31	JAN 73	325.09	324.79	324.33	327.38	325.50	324.60	323.73	322.80	323.04	323.24	326.19	320.20	4 1300	338.39 31 1900 317.13
1	10	FEB 73	320.42	324.10	326.11	325.75	323.01	322.75	324.06	324.18	324.44	324.07				
11	20	FEB 73	321.10	321.00	322.18	322.98	323.27	322.83	321.85	323.60	324.07	323.74				
21	28	FEB 73	323.05	323.60	324.40	323.57	323.36	322.50	321.17	320.19	321.09		3 0100	331.37	1 0600	317.25
1	10	MAR 73	322.03	322.24	321.95	322.27	321.62	322.48	322.53	322.76	322.16	321.99				
11	20	MAR 73	322.31	324.12	322.95	322.85	324.28	324.10	324.08	330.34	326.66	324.82				
21	31	MAR 73	323.56	323.90	323.87	324.29	324.48	324.02	323.44	323.15	323.30	323.76	323.95	323.67	18 0500	333.80 17 0900 320.51
1	10	APR 73	325.95	326.78	327.41	327.09	327.69	328.10	327.36	325.13	325.45	327.82				
11	20	APR 73	328.16	327.39	327.28	327.06	326.82	326.84	327.13	326.92	326.54	326.33				
21	30	APR 73	326.88	326.24	326.58	327.14	326.82	326.41	324.22	325.88	327.42	327.39	326.91	10 2100	330.82	9 2400 321.34
1	10	MAY 73	326.42	326.91	327.98	327.81	327.36	326.89	326.36	326.36	326.86	327.02				
11	20	MAY 73	327.04	327.34	327.05	326.69	326.77	327.01	326.75	326.66	326.32	325.75				
21	31	MAY 73	326.69	326.61	326.65	326.28	326.23	326.22	326.25	325.49	325.90	326.81	326.66	327.04	31 1100	330.47 25 2400 321.77
1	10	JUN 73	327.63	326.59	326.51	326.79	326.73	326.90	327.02	327.13	327.27	326.45				
11	20	JUN 73	327.50	326.78	327.17	327.02	326.93	326.91	324.19	327.05	326.56	326.96				
21	30	JUN 73	326.89	327.01	327.02	327.18	326.88	326.93	326.84	326.96	327.20	327.38	327.14	1 1400	331.39	17 0700 319.16
1	10	JUL 73	326.70	326.91	327.26	327.41	327.45	327.53	327.46	326.93	327.31	326.88				
11	20	JUL 73	326.55	326.65	327.80	327.36	326.47	326.26	326.20	326.32	326.25	326.25				
21	31	JUL 73	326.65	325.86	325.85	325.39	325.62	326.16	326.34	327.11	326.98	326.67	326.25	325.96	27 1600	330.52 23 2300 320.92
1	10	AUG 73	326.06	326.52	326.15	326.27	325.83	325.94	325.99	325.90	326.15	326.25				
11	20	AUG 73	326.22	325.92	325.79	325.54	325.52	325.31	325.44	325.88	325.16	326.09				
21	31	AUG 73	325.85	326.04	325.02	325.72	325.53	325.64	324.60	326.12	326.42	326.19	325.83	326.21	2 1500	329.79 14 2300 319.88
1	10	SEP 73	325.85	324.98	325.14	325.89	325.85	326.53	326.37	326.04	324.10	325.42				
11	20	SEP 73	326.41	325.86	324.62	323.94	323.55	323.62	324.15	325.12	324.95	325.27				
21	30	SEP 73	324.46	322.99	323.59	323.20	323.31	322.24	323.56	323.86	323.46	322.55	321.31	6 1800	329.88	30 2300 315.88
1	10	OCT 73	323.33	323.91	324.82	324.77	325.34	323.51	322.23	323.45	323.37	323.36				
11	20	OCT 73	323.57	324.14	325.18	326.37	325.47	325.54	325.33	324.44	323.81	322.63				
21	31	OCT 73	323.58	321.39	323.74	323.12	322.93	322.83	323.56	321.38	320.80	321.67	321.69	323.27	13 1900	329.23 30 0300 315.33
1	10	NOV 73	328.02	323.24	322.86	321.99	322.14	324.01	322.60	323.84	322.35	321.24				
11	20	NOV 73	321.54	322.23	321.70	321.81	320.82	321.59	321.84	321.08	321.12	320.36				
21	30	NOV 73	322.10	320.47	321.39	321.63	320.84	320.62	320.25	321.00	321.80	323.90	324.74	1 1200	333.43	25 1500 317.70
1	10	DEC 73	321.19	320.80	321.90	321.54	321.26	325.69	321.62	320.37	319.81	322.84				
11	20	DEC 73	322.82	321.59	320.64	320.93	319.58	318.80	319.26	320.57	319.98	320.05				
21	31	DEC 73	321.59	321.45	322.32	323.01	320.48	321.29	322.03	322.77	325.21	322.83	324.64	322.37	6 0400	330.64 20 0500 317.17

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 1007

ANNUAL SUMMARY OF LEVELS
AMERICAN FALLS, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 555.48 IN 1973

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 555.86 AUG 1973
DAILY MEAN ELEVATION 556.11 5 JAN 1973
INSTANT/HOURLY ELEVATION 556.30 0600 28 JUL 1973

MONTHLY MEAN ELEVATION 555.23 MAR 1973
DAILY MEAN ELEVATION 555.02 3 MAR 1973
INSTANT/HOURLY ELEVATION 554.69 2200 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
556.11	5	JAN	1973
555.57	4	FEB	1973
555.60	19	MAR	1973
555.51	6	APR	1973
555.41	4	MAY	1973
555.76	29	JUN	1973
555.99	27	JUL	1973
555.94	2	AUG	1973
555.83	6	SEP	1973
555.73	16	OCT	1973
556.08	1	NOV	1973
555.98	6	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
555.15	13	JAN	1973
555.12	14	FEB	1973
555.02	3	MAR	1973
555.06	15	APR	1973
555.15	7	MAY	1973
555.22	3	JUN	1973
555.49	11	JUL	1973
555.78	22	AUG	1973
555.48	8	SEP	1973
555.40	28	OCT	1973
555.29	20	NOV	1973
555.09	17	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
556.20													0
556.00	4										1		5
555.80	2						4	29	1		4	2	47
555.60	5					8	17	2	17	7	6	6	115
555.40	9	3	5	6	1	7	10		12	22	12	10	212
555.20	6	14	11	7	25	15				1	7	12	310
555.00	5	11	15	17	5							1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

DAILY WATER LEVELS

AMERICAN FALLS, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10	JAN	73	556.10	555.98	555.75	556.02	556.11	555.78	555.70	555.74	555.87	556.04						
11	20	JAN	73	555.73	555.36	555.15	555.25	555.30	555.50	555.56	555.43	555.56	555.56						
21	31	JAN	73	555.55	555.49	555.20	555.41	555.43	555.38	555.27	555.18	555.20	555.23	555.49	555.20	2 0100	556.19	22 1400	554.88
1	10	FEB	73	555.14	555.19	555.48	555.57	555.16	555.14	555.23	555.21	555.21	555.31						
11	20	FEB	73	555.24	555.18	555.24	555.12	555.16	555.22	555.29	555.38	555.34	555.32						
21	28	FEB	73	555.26	555.31	555.41	555.29	555.32	555.19	555.17	555.18	555.19			18 0200	555.78	1 1000	554.97	
1	10	MAR	73	555.10	555.10	555.02	555.11	555.04	555.09	555.09	555.12	555.08	555.08						
11	20	MAR	73	555.09	555.29	555.22	555.16	555.36	555.27	555.10	555.50	555.60	555.42						
21	31	MAR	73	555.23	555.18	555.15	555.29	555.34	555.22	555.22	555.31	555.32	555.40	555.45	555.42	19 0700	555.67	17 0900	554.88
1	10	APR	73	555.20	555.44	555.47	555.35	555.48	555.51	555.31	555.11	555.08	555.42						
11	20	APR	73	555.44	555.30	555.19	555.11	555.06	555.13	555.17	555.15	555.15	555.14						
21	30	APR	73	555.24	555.18	555.24	555.19	555.22	555.19	555.15	555.11	555.24	555.27	555.14		11 0700	555.74	9 2200	554.69
1	10	MAY	73	555.24	555.22	555.31	555.41	555.28	555.18	555.15	555.20	555.28	555.24						
11	20	MAY	73	555.25	555.28	555.28	555.25	555.21	555.23	555.24	555.21	555.24	555.19						
21	31	MAY	73	555.25	555.22	555.21	555.24	555.21	555.24	555.22	555.25	555.29	555.32	555.26	555.31	4 0100	555.61	7 2000	554.81
1	10	JUN	73	555.42	555.24	555.22	555.32	555.32	555.34	555.35	555.32	555.31	555.30						
11	20	JUN	73	555.41	555.34	555.36	555.33	555.32	555.38	555.38	555.41	555.48	555.53						
21	30	JUN	73	555.46	555.62	555.64	555.70	555.67	555.57	555.58	555.74	555.76	555.70		28 0700	556.05	9 2100	554.98	
1	10	JUL	73	555.68	555.71	555.81	555.77	555.70	555.59	555.62	555.60	555.60	555.60						
11	20	JUL	73	555.49	555.68	555.76	555.71	555.56	555.52	555.54	555.60	555.71	555.73						
21	31	JUL	73	555.70	555.73	555.71	555.70	555.79	555.78	555.80	555.99	555.95	555.83	555.77	555.78	28 0600	556.30	11 2000	555.16
1	10	AUG	73	555.88	555.94	555.85	555.88	555.81	555.85	555.83	555.88	555.89	555.87						
11	20	AUG	73	555.88	555.89	555.85	555.81	555.83	555.88	555.88	555.89	555.85	555.87						
21	31	AUG	73	555.86	555.83	555.78	555.84	555.84	555.82	555.87	555.85	555.93	555.85	555.81	555.80	15 0600	556.29	19 2000	555.32
1	10	SEP	73	555.68	555.75	555.75	555.68	555.71	555.83	555.67	555.48	555.56	555.58						
11	20	SEP	73	555.71	555.65	555.56	555.60	555.71	555.63	555.56	555.72	555.70	555.64						
21	30	SEP	73	555.64	555.59	555.66	555.63	555.55	555.62	555.61	555.59	555.56	555.57		20 0600	556.08	9 2000	555.05	
1	10	OCT	73	555.59	555.66	555.61	555.56	555.58	555.54	555.59	555.55	555.59	555.59						
11	20	OCT	73	555.59	555.61	555.62	555.71	555.63	555.73	555.53	555.52	555.52	555.46						
21	31	OCT	73	555.56	555.45	555.46	555.49	555.51	555.57	555.58	555.51	555.40	555.54	555.43		1 0600	555.97	7 1800	554.92
1	10	NOV	73	556.08	555.83	555.74	555.59	555.66	555.84	555.67	555.80	555.65	555.47						
11	20	NOV	73	555.51	555.63	555.55	555.57	555.40	555.55	555.52	555.37	555.38	555.29						
21	30	NOV	73	555.58	555.33	555.51	555.47	555.49	555.39	555.40	555.42	555.55	555.83	555.90		1 1300	556.25	21 0800	555.23
1	10	DEC	73	555.47	555.33	555.53	555.47	555.46	555.98	555.47	555.35	555.36	555.65						
11	20	DEC	73	555.63	555.46	555.36	555.39	555.35	555.27	555.09	555.35	555.30	555.36						
21	31	DEC	73	555.48	555.43	555.57	555.64	555.32	555.38	555.49	555.61	555.84	555.62	555.74	555.48	6 0100	556.14	17 1000	554.34

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

ANNUAL SUMMARY OF LEVELS
 NIAGARA INTAKE, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 561.82 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 562.58 JAN 1973
 DAILY MEAN ELEVATION 563.38 18 MAR 1973
 INSTANT/HOURLY ELEVATION 563.88 1159 4 JAN 1973

LOWEST

MONTHLY MEAN ELEVATION 561.46 OCT 1973
 DAILY MEAN ELEVATION 560.47 17 DEC 1973
 INSTANT/HOURLY ELEVATION 560.13 0900 17 DEC 1973

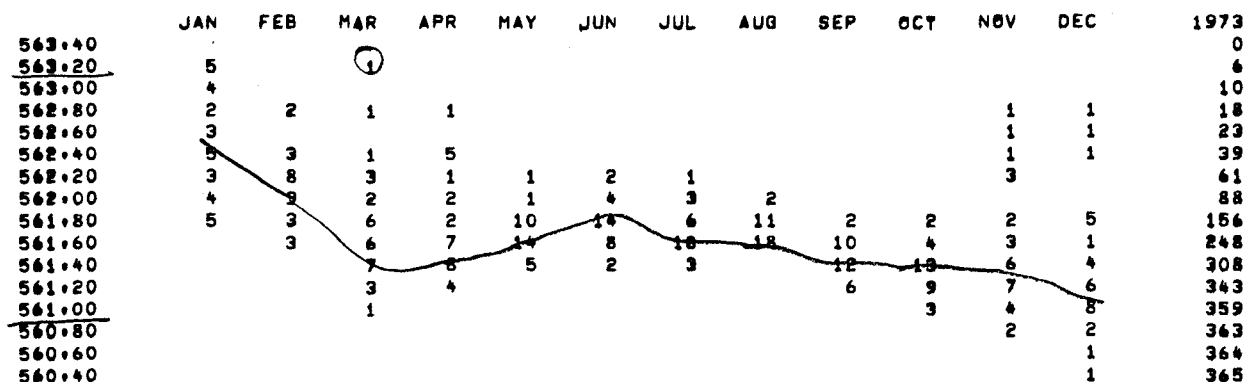
HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
563.24	10	JAN	1973
562.97	3	FEB	1973
563.38	18	MAR	1973
562.84	6	APR	1973
562.40	4	MAY	1973
562.39	1	JUN	1973
562.26	13	JUL	1973
562.06	28	AUG	1973
561.99	6	SEP	1973
561.93	14	OCT	1973
562.85	1	NOV	1973
562.94	6	DEC	1973

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
561.81	31	JAN	1973
561.66	1	FEB	1973
561.17	5	MAR	1973
561.28	9	APR	1973
561.50	7	MAY	1973
561.53	17	JUN	1973
561.56	23	JUL	1973
561.63	22	AUG	1973
561.26	30	SEP	1973
561.10	29	OCT	1973
560.91	20	NOV	1973
560.47	17	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS



INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

DAILY WATER LEVELS

NIAGARA INTAKE, NIAGARA FALLS, N.Y., ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.		
1	10	JAN 73	563.22	562.77	562.21	563.11	563.21	562.47	562.30	562.36	562.65	563.24						
11	20	JAN 73	563.22	562.56	561.83	561.99	562.11	562.55	563.15	563.21	562.81	563.02						
21	31	JAN 73	562.58	562.68	562.13	563.18	562.60	562.43	562.14	561.93	561.99	562.09	562.91	561.81	4 1159	563.88	31 2022	561.01
1	10	FEB 73	561.66	562.06	562.97	562.92	562.02	562.02	562.39	562.40	562.42	562.48						
11	20	FEB 73	562.05	562.04	562.25	561.99	562.15	562.38	562.35	562.49	562.31	562.17						
21	28	FEB 73	562.21	562.18	562.37	562.22	562.18	561.95	561.72	561.78	561.83		3 0015	563.58	1 0100	561.16		
1	10	MAR 73	561.51	561.56	561.22	561.45	561.17	561.56	561.58	561.70	561.39	561.37						
11	20	MAR 73	561.47	562.21	561.85	561.72	562.35	561.96	561.49	563.38	562.92	562.44						
21	31	MAR 73	561.85	561.66	561.64	561.88	561.95	561.74	561.78	561.87	561.97	562.20	562.27	562.14	18 0400	563.51	17 0905	560.53
1	10	APR 73	561.78	562.41	562.56	562.22	562.57	562.84	562.06	561.38	561.28	562.51						
11	20	APR 73	562.51	562.10	561.72	561.52	561.36	561.54	561.62	561.52	561.49	561.53						
21	30	APR 73	561.83	561.60	561.78	561.67	561.72	561.63	561.48	561.40	561.84	561.86	561.50		6 0746	563.36	9 2146	560.34
1	10	MAY 73	561.75	561.67	562.11	562.40	561.94	561.60	561.50	561.62	561.86	561.81						
11	20	MAY 73	561.92	561.91	561.84	561.74	561.84	561.88	561.67	561.80	561.55	561.55						
21	31	MAY 73	561.77	561.71	561.65	561.61	561.61	561.61	561.65	561.58	561.73	562.00	561.78	561.99	4 0020	562.80	7 2015	560.72
1	10	JUN 73	562.39	561.76	561.72	561.96	561.98	562.06	562.11	562.06	561.99	561.91						
11	20	JUN 73	562.24	561.98	562.02	561.87	561.75	561.80	561.53	561.77	561.86	561.86						
21	30	JUN 73	561.89	561.92	561.89	561.94	561.79	561.62	561.60	561.84	561.87	561.86	561.75		1 1248	563.14	17 2100	561.02
1	10	JUL 73	561.70	561.77	561.93	561.90	561.87	561.73	561.63	561.75	561.79	561.80						
11	20	JUL 73	561.58	561.99	562.26	562.15	561.74	561.61	561.60	561.65	561.81	561.77						
21	31	JUL 73	561.80	561.72	561.67	561.56	561.72	561.73	561.78	562.19	562.12	561.86	561.73	561.71	14 0700	562.72	1 2100	561.07
1	10	AUG 73	561.87	562.03	561.82	561.86	561.68	561.76	561.69	561.78	561.83	561.80						
11	20	AUG 73	561.81	561.80	561.74	561.66	561.73	561.78	561.78	561.85	561.72	561.83						
21	31	AUG 73	561.80	561.76	561.63	561.81	561.79	561.78	561.80	561.88	562.06	561.90	561.80	561.84	28 1700	562.46	22 2100	561.01
1	10	SEP 73	561.62	561.65	561.64	561.66	561.70	561.99	561.68	561.36	561.33	561.44						
11	20	SEP 73	561.78	561.59	561.39	561.45	561.60	561.50	561.46	561.81	561.79	561.69						
21	30	SEP 73	561.55	561.46	561.61	561.50	561.42	561.44	561.48	561.46	561.38	561.29	561.26		12 1213	562.60	30 1902	560.50
1	10	OCT 73	561.46	561.61	561.59	561.50	561.60	561.38	561.44	561.45	561.49	561.50						
11	20	OCT 73	561.51	561.61	561.70	561.93	561.71	561.92	561.51	561.39	561.39	561.26						
21	31	OCT 73	561.46	561.16	561.26	561.34	561.31	561.43	561.54	561.36	561.22	561.10	561.19	561.43	14 0137	562.54	29 2000	560.29
1	10	NOV 73	562.85	562.23	561.97	561.53	561.65	562.26	561.82	562.23	561.76	561.29						
11	20	NOV 73	561.37	561.70	561.49	561.59	561.13	561.49	561.49	561.14	561.17	560.91						
21	30	NOV 73	561.62	560.98	561.40	561.36	561.28	561.23	561.14	561.23	561.59	562.48	562.69		1 1200	563.70	27 0229	560.73
1	10	DEC 73	561.38	561.06	561.60	561.36	561.35	562.94	561.41	561.06	561.04	561.94						
11	20	DEC 73	561.89	561.35	561.10	561.18	560.93	560.77	560.47	561.12	560.97	561.10						
21	31	DEC 73	561.47	561.34	561.78	562.00	561.04	561.23	561.52	561.89	562.76	561.90	562.47	561.54	6 1530	563.57	17 0900	560.13

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

ANNUAL SUMMARY OF LEVELS
BLACK ROCK CANAL, BUFFALO, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 566.57 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 567.07 JUN 1973
DAILY MEAN ELEVATION 568.16 18 MAR 1973
INSTANT/HOURLY ELEVATION 569.61 0845 13 JUL 1973

LOWEST

MONTHLY MEAN ELEVATION 565.97 DEC 1973
DAILY MEAN ELEVATION 565.28 24 DEC 1973
INSTANT/HOURLY ELEVATION 564.77 2206 29 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
567.92	11	JAN	1973
567.17	3	FEB	1973
568.16	18	MAR	1973
567.56	10	APR	1973
567.38	4	MAY	1973
567.28	9	JUN	1973
567.50	13	JUL	1973
566.97	2	AUG	1973
566.95	6	SEP	1973
566.98	14	OCT	1973
567.69	1	NOV	1973
567.40	6	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.02	31	JAN	1973
565.76	27	FEB	1973
565.74	5	MAR	1973
566.24	9	APR	1973
566.64	27	MAY	1973
566.54	17	JUN	1973
566.51	23	JUL	1973
566.49	22	AUG	1973
565.81	30	SEP	1973
565.29	29	OCT	1973
565.37	20	NOV	1973
565.28	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
568.20													0
568.00			1										1
567.80													2
567.60	1										1		6
567.40	3			4			1						14
567.20	1		1	1	2	4	3					1	27
567.00	1	2		4	5	20	10				1	1	71
566.80	6		3	9	14	5	8		2	1	2	1	130
566.60	5	3	5	8	10		7	8	1	1	1		192
566.40	3	10	6	3		1	1	21	13	3	2	1	237
566.20	6	5	2	1					4	3	2	5	265
566.00	2	6	6						7	13	4	1	304
565.80		1	3						3	4	7	7	329
565.60		1	1							3	7	5	346
565.40										1	2	5	354
565.20										2	1	3	360

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3017

DAILY WATER LEVELS
BLACK ROCK CANAL, BUFFALO, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	TIME	ELEV.
1	10	JAN 73	567.80	567.02	566.35	567.74	567.48	566.73	566.46	566.39	566.99	567.64					
11	20	JAN 73	567.92	567.53	566.67	566.83	566.47	566.78	566.89	566.77	566.85	567.00					
21	31	JAN 73	566.86	566.57	566.35	567.44	566.93	566.70	566.37	566.15	566.23	566.38	567.26	566.02	4	1222	569.24 31 1815 565.34
1	10	FEB 73	566.12	566.42	567.17	567.08	566.10	566.11	566.55	566.57	566.62	566.58					
11	20	FEB 73	566.09	566.13	566.44	566.21	566.34	566.51	566.60	566.72	566.50	566.41					
21	28	FEB 73	566.40	566.46	566.67	566.39	566.39	566.10	565.88	565.76	566.32				4	0830	567.65 27 0915 565.47
1	10	MAR 73	566.06	566.08	565.92	566.11	565.74	566.14	566.17	566.31	565.99	566.00					
11	20	MAR 73	566.18	566.86				566.44	566.28	568.16	567.40	566.98					
21	31	MAR 73	566.50	566.50	566.57	566.72	566.71	566.56	566.54	566.53	566.62	566.79	566.87	566.73	18	0410	568.62 17 0840 565.17
1	10	APR 73	566.68	567.14	567.25	566.95	567.41	567.53	566.94	566.47	566.24	567.56					
11	20	APR 73	567.52	567.10	566.98	566.83	566.73	566.86	566.89	566.78	566.70	566.68					
21	30	APR 73	566.92	566.78	566.97	566.86	566.89	566.68	566.59	566.50	567.17	567.13	566.72		10	2140	568.07 9 2000 565.67
1	10	MAY 73	566.79	566.83	567.31	567.38	567.13	566.82	566.64	566.69	566.98	566.90					
11	20	MAY 73	567.06	567.09	566.98	566.83	566.93	567.00	566.84	566.92	566.74	566.68					
21	31	MAY 73	566.89	566.90	566.83	566.73	566.69	566.70	566.75	566.64	566.84	567.03	566.89	567.09	4	1100	567.55 27 1800 566.86
1	10	JUN 73	567.21	566.90	566.82	567.05	567.04	567.12	567.19	567.16	567.28	567.10					
11	20	JUN 73	567.22	567.20	567.23	567.14	567.07	567.07	566.54	567.05	566.97	567.04					
21	30	JUN 73	567.07	567.11	567.10	567.14	567.15	566.90	566.92	567.02	567.10	567.15	567.03		24	0717	567.75 17 0400 566.16
1	10	JUL 73	567.03	566.98	567.14	567.16	567.12	567.05	567.02		567.09	567.03					
11	20	JUL 73	566.90	567.12	567.50	567.31	567.03	566.85	566.76	566.80	566.86	566.86					
21	31	JUL 73	566.96	566.71	566.64	566.51	566.67	566.78	566.84	567.25	567.26	566.97	566.81	566.76	13	0845	569.61 22 2335 566.41
1	10	AUG 73	566.80	566.97	566.87	566.87	566.76	566.74	566.70	566.73	566.83	566.82					
11	20	AUG 73	566.87	566.91	566.68	566.60	566.63	566.62	566.63	566.77	566.73	566.77					
21	31	AUG 73	566.74	566.74	566.49	566.68	566.62	566.64	566.68	566.79	566.91	566.79	566.69	566.74	31	0257	567.29 14 2310 566.36
1	10	SEP 73	566.57	566.57	566.56	566.55	566.58	566.95	566.78	566.58	566.41	566.49					
11	20	SEP 73	566.85	566.43	566.20	566.18	566.38	566.32	566.10	566.59	566.50	566.50					
21	30	SEP 73	566.38	566.06	566.49	566.35	565.99	566.00	566.16	566.22	566.10	566.11	565.81		11	0400	567.33 30 2230 565.52
1	10	OCT 73	566.02	566.22	566.33	566.19	566.49	566.11	566.08	566.04	566.07	566.08					
11	20	OCT 73	566.08	566.14	566.46	566.98	566.44	566.67	566.34	566.12	566.00	566.01					
21	31	OCT 73	566.07	565.78	565.80	565.87	565.82	565.87	566.05	565.77	565.37	565.29	565.58	566.06	14	0045	567.62 29 2206 564.77
1	10	NOV 73	567.69	566.55	566.55	566.08	566.23	566.83	566.22	566.70	566.20	565.83					
11	20	NOV 73	565.94	566.03	565.93	565.98	565.63	565.96	565.99	565.73	565.63	565.37					
21	30	NOV 73	566.10	565.50	565.85	565.76	565.67	565.69	565.51	565.70	566.13	566.93	567.11		1	1122	568.92 20 2230 565.17
1	10	DEC 73	565.90	565.68	566.09	565.83	566.00	567.40	565.85	565.57	565.66	566.55					
11	20	DEC 73	566.31	565.81	565.57	565.73	565.44	565.38		565.59	565.34	565.55					
21	31	DEC 73	565.97	566.00	566.32	566.35	565.28	565.65	565.78	566.29	567.05	566.27	566.91	565.88	6	0300	568.27 24 1900 565.03

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3017

ANNUAL SUMMARY OF LEVELS
ONTARIO STREET, BUFFALO, N.Y., ON NIAGARA RIVER

YEARLY MEAN ELEVATION 566.05 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 566.50 JUN 1973
DAILY MEAN ELEVATION 567.68 18 MAR 1973
INSTANT/HOURLY ELEVATION 568.87 1129 4 JAN 1973

LOWEST

MONTHLY MEAN ELEVATION 565.41 DEC 1973
DAILY MEAN ELEVATION 564.71 29 OCT 1973
INSTANT/HOURLY ELEVATION 564.13 1630 29 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
567.51	11	JAN	1973
566.74	3	FEB	1973
567.68	18	MAR	1973
567.04	10	APR	1973
566.83	4	MAY	1973
566.72	9	JUN	1973
566.96	13	JUL	1973
566.48	2	AUG	1973
566.42	6	SEP	1973
566.40	14	OCT	1973
567.29	1	NOV	1973
566.82	6	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
565.55	31	JAN	1973
565.33	27	FEB	1973
565.27	5	MAR	1973
565.67	9	APR	1973
566.06	27	MAY	1973
566.01	17	JUN	1973
565.98	23	JUL	1973
565.98	22	AUG	1973
565.27	30	SEP	1973
564.71	29	OCT	1973
564.85	20	NOV	1973
564.76	17	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
567.80													0
567.60			1										1
567.40	1												2
567.20	3										1		6
567.00	2			1									9
566.80	2		1	3	1		1					1	18
566.60		2		2	1	6	4						33
566.40	4		3	4	8	19	12	1	1		2	1	88
566.20	7	2	5	10	12	4	8	18	2	1	1	1	159
566.00	4	10	7	7	9	1	5	11	6	1	1	1	222
565.80	5	5	4	2			1	1	9	3	2	4	258
565.60	2	5	5	1					5	5	4	1	286
565.40	1	3	4						6	12	7	3	322
565.20		1	1						1	5	5	6	341
565.00										2	5	8	356
564.80										1	2	2	361
564.60										1		3	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

DAILY WATER LEVELS

ONTARIO STREET, BUFFALO, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	INSTANT/HOURLY TIME ELEV.
1	10 JAN 73	567.37	566.48	565.89	567.36	566.97	566.24	566.00	565.96	566.59	567.22					
11	20 JAN 73	567.51	567.13	566.30	566.43	566.02	566.31	566.46	566.29	566.34	566.37					
21	31 JAN 73	566.41	566.19	565.80	567.01	566.40	566.12	565.84	565.74	565.87	566.03	566.99	565.55	4	1129	568.87 31 1420 564.86
1	10 FEB 73	565.76	566.03	566.74	566.63	565.60	565.71	566.11	566.14	566.19	566.09					
11	20 FEB 73	565.66	565.71	566.01	565.77	565.91	566.12	566.21	566.27	566.06	565.98					
21	28 FEB 73	565.96	566.05	566.14	565.94	565.93	565.59	565.44	565.33	565.88				4	0747	567.37 27 0827 564.99
1	10 MAR 73	565.62	565.60	565.44	565.63	565.27	565.67	565.70	565.82	565.49	565.55					
11	20 MAR 73	565.71	566.37	565.96	565.89	566.41	566.09	565.89	567.68	566.94	566.50					
21	31 MAR 73	566.04	566.02	566.11	566.26	566.26	566.11	566.10	566.07	566.18	566.42	566.25	18	0346	568.24 17 0642 564.40	
1	10 APR 73	566.22	566.69	566.74	566.48	566.88	566.96	566.34	565.91	565.67	567.04					
11	20 APR 73	566.91	566.52	566.40	566.22	566.14	566.30	566.27	566.20	566.12	566.12					
21	30 APR 73	566.35	566.21	566.38	566.27	566.32	566.11	566.03	565.95	566.58	566.53	566.11	10	2115	567.65 9 1845 564.90	
1	10 MAY 73	566.28	566.29	566.80	566.83	566.57	566.26	566.09	566.12	566.41	566.38					
11	20 MAY 73	566.51	566.57	566.45	566.30	566.38	566.46	566.30	566.34	566.16	566.11					
21	31 MAY 73	566.34	566.32	566.24	566.15	566.13	566.14	566.20	566.06	566.29	566.50	566.32	566.55	4	1102	567.13 27 1457 568.69
1	10 JUN 73	566.67	566.29	566.24	566.49	566.48	566.56	566.61	566.60	566.72	566.53					
11	20 JUN 73	566.70	566.64	566.64	566.57	566.49	566.46	566.01	566.46	566.44	566.48					
21	30 JUN 73	566.50	566.55	566.55	566.59	566.59	566.33	566.37	566.46	566.55	566.57	566.47	24	0550	567.64 17 0242 565.47	
1	10 JUL 73	566.45	566.43	566.60	566.61	566.58	566.50	566.52	566.54	566.51	566.47					
11	20 JUL 73	566.31	566.57	566.96	566.73	566.46	566.28	566.20	566.24	566.34	566.32					
21	31 JUL 73	566.41	566.17	566.08	565.98	566.15	566.22	566.32	566.72	566.68	566.42	566.25	566.19	13	0555	567.45 22 2140 565.73
1	10 AUG 73	566.32	566.48	566.36	566.36	566.25	566.26	566.21	566.23	566.35	566.30					
11	20 AUG 73	566.37	566.40	566.16	566.08	566.12	566.09	566.12	566.26	566.22	566.24					
21	31 AUG 73	566.23	566.22	565.98	566.15	566.11	566.14	566.16	566.27	566.40	566.28	566.17	566.20	31	0208	567.45 14 2055 565.47
1	10 SEP 73	566.08	566.08	566.05	566.02	566.09	566.42	566.22	565.94	565.84	565.95					
11	20 SEP 73	566.26	565.92	565.62	565.66	565.88	565.75	565.58	566.05	565.99	565.94					
21	30 SEP 73	565.85	565.53	565.97	565.81	565.46	565.52	565.62	565.70	565.54	565.58	565.27	11	0410	566.89 30 1857 564.81	
1	10 OCT 73	565.54	565.70	565.79	565.66	565.94	565.56	565.56	565.50	565.54	565.53					
11	20 OCT 73	565.53	565.61	565.99	566.40	565.88	566.15	565.77	565.57	565.46	565.45					
21	31 OCT 73	565.54	565.26	565.28	565.37	565.30	565.38	565.53	565.19	564.89	564.71	565.14	565.53	14	0016	567.32 29 1630 564.13
1	10 NOV 73	567.29	565.95	565.98	565.52	565.75	566.33	565.70	566.19	565.68	565.33					
11	20 NOV 73	565.44	565.56	565.42	565.45	565.11	565.48	565.50	565.24	565.12	564.85					
21	30 NOV 73	565.59	565.04	565.35	565.26	565.18	565.11	564.97	565.24	565.69	566.41	566.48	1	1120	568.57 25 1314 564.52	
1	10 DEC 73	565.30	565.08	565.51	565.20	565.57	566.82	565.28	565.01	565.13	566.03					
11	20 DEC 73	565.73	565.25	565.01	564.89	564.80	564.76	565.12	564.80	565.07						
21	31 DEC 73	565.41	565.51	565.85	565.82	564.81	565.21	565.27	565.86	566.46	565.83	566.31	565.34	6	0229	567.95 17 0300 564.45

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

ANNUAL SUMMARY OF LEVELS
BUFFALO HARBOR, BUFFALO, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.72 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.45 JUN 1973
DAILY MEAN ELEVATION 574.85 1 NOV 1973
INSTANT/HOURLY ELEVATION 578.54 0700 1 NOV 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.38	4	JAN	1973
572.94	3	FEB	1973
574.30	18	MAR	1973
574.00	10	APR	1973
573.88	3	MAY	1973
573.68	9	JUN	1973
573.76	13	JUL	1973
573.32	2	AUG	1973
573.07	6	SEP	1973
573.96	14	OCT	1973
574.85	1	NOV	1973
573.48	6	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.94 DEC 1973
DAILY MEAN ELEVATION 571.12 24 DEC 1973
INSTANT/HOURLY ELEVATION 570.11 0200 28 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.46	31	JAN	1973
571.61	27	FEB	1973
571.75	5	MAR	1973
572.40	9	APR	1973
572.88	27	MAY	1973
572.90	17	JUN	1973
572.79	23	JUL	1973
572.64	22	AUG	1973
571.91	30	SEP	1973
571.19	29	OCT	1973
571.29	20	NOV	1973
571.12	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
578.00													0
574.80													1
574.60											1		1
574.40													1
574.20	1		1										3
574.00	1												4
573.80				1	1					1			7
573.60	1			2	1	4	3						18
573.40	2		1	5	3	17	2			1		1	50
573.20	4			7	10	5	3	5					84
573.00			5	9	9	2	9	8	1				127
572.80	2	2	7	4	7	1	2	15	3	3	3	2	178
572.60	5	2	3	1			1	3	8		1	1	203
572.40	3	7	4						5	1	1	4	228
572.20	8	7	6	1					4	3	3	1	261
572.00	2	4	2						7	13	5	3	297
571.80	1	3	1						2	5	6		315
571.60		3	1							2	5	11	337
571.40	1									1	3	4	346
571.20											2	2	350
571.00										1		2	353

X INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

DAILY WATER LEVELS

BUFFALO HARBOR, BUFFALO, N.Y. ON LAKE ERIE

			MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73		574.15	572.76	572.18	574.38	573.36	572.59	572.33	572.25	573.21	573.77				
11	20	JAN 73		573.47	573.25	572.69	572.65	572.37	572.78	572.43	572.28	572.87	572.55				
21	31	JAN 73	572.76	571.99	572.31	573.57	572.82	572.76	572.32	572.03	572.23	572.37	573.26	571.46	4 0800	576.51 31 0900 570.96	
1	10	FEB 73		572.25	572.67	572.94	572.92	571.65	572.11	572.55	572.51	572.63	572.37				
11	20	FEB 73		571.85	571.92	572.17	572.15	572.28	572.33	572.41	572.44	572.46	572.38				
21	28	FEB 73	572.29	572.59	572.50	572.30	572.35	571.87	571.78	571.61	572.20				4 0700	574.20 27 0500 571.03	
1	10	MAR 73		572.27	572.16	572.12	572.26	571.75	572.22	572.37	572.41	572.00	572.21				
11	20	MAR 73		572.40	573.03	572.55	572.50	572.96	572.60	572.63	574.30	573.42	573.01				
21	31	MAR 73	572.69	572.74	572.92	573.06	572.98	572.85	572.84	572.73	572.92	573.04	573.13	572.91	17 2400	575.97 17 0600 570.38	
1	10	APR 73		573.01	573.52	573.46	573.20	573.61	573.60	572.97	572.72	572.40	574.00				
11	20	APR 73		573.67	573.35	573.37	573.18	573.13	573.35	573.21	573.10	573.01	573.05				
21	30	APR 73	573.22	573.14	573.37	573.21	573.24	572.97	572.94	572.84	573.56	573.45	573.03		9 2400	575.07 9 1700 571.42	
1	10	MAY 73		573.17	573.22	573.88	573.63	573.46	573.18	572.98	572.99	573.32	573.26				
11	20	MAY 73		573.40	573.50	573.36	573.16	573.30	573.35	573.19	573.23	573.02	572.98				
21	31	MAY 73	573.23	573.22	573.12	572.98	572.97	572.99	573.08	572.88	573.19	573.34	573.17	573.46	3 1400	574.27 8 0600 572.51	
1	10	JUN 73		573.45	573.15	573.18	573.39	573.35	573.43	573.49	573.49	573.68	573.47				
11	20	JUN 73		573.55	573.51	573.61	573.53	573.44	573.37	572.90	573.49		573.38				
21	30	JUN 73	573.45	573.53	573.56	573.57	573.64	573.33	573.44	573.44	573.54	573.61	573.47		24 0600	575.36 17 0300 572.08	
1	10	JUL 73			573.42												
11	20	JUL 73		573.31	573.70	573.76	573.02			573.09	573.15	573.18	573.16				
21	31	JUL 73	573.23	573.01	572.84	572.79	573.00	573.10	573.23	573.69	573.59	573.33	573.08	573.08	13 0100	574.65 23 1000 572.58	
1	10	AUG 73		573.12	573.32	573.21	573.20	573.13	573.11	573.06	573.07	573.21	573.14				
11	20	AUG 73		573.25	573.23	572.91	572.82	572.84	572.80	572.83	572.96	572.92	572.96				
21	31	AUG 73	572.99	572.92	572.64	572.83	572.75	572.81	572.85	572.99	573.12	572.97	572.83	572.87	31 0200	575.97 31 0400 571.67	
1	10	SEP 73		572.84	572.78	572.74	572.77	572.81	573.07	572.98	572.71	572.55	572.77				
11	20	SEP 73		572.80	572.54	572.12	572.30	572.47	572.33	572.10	572.64	572.58	572.52				
21	30	SEP 73	572.47	571.97	572.68	572.31	572.07	572.13	572.27	572.12	572.13	572.16	571.91		20 0700	573.89 30 0500 571.35	
1	10	OCT 73		572.03	572.27	572.37	572.24	572.98	572.13	572.15	572.02	572.09	572.06				
11	20	OCT 73		572.07	572.18	572.90	573.96	572.84	573.58	572.59	572.20	572.06	572.08				
21	31	OCT 73	572.21	571.83	571.82	571.89	571.80	571.87	572.02	571.72	571.50	571.19	572.00	572.11	14 1900	574.55 28 0200 570.11	
1	10	NOV 73		574.85	572.23	572.56	571.99	572.38	573.00	572.17	572.74	572.15	571.86				
11	20	NOV 73		572.05	572.08	571.94	571.88	571.57	571.99	572.01	571.78	571.60	571.29				
21	30	NOV 73	572.13	571.64	571.89	571.73	571.69	571.48	571.38	571.80	572.33	572.98	572.86		1 0700	578.54 25 1300 570.42	
1	10	DEC 73		571.74	571.62	572.10	571.70	572.51	573.48	571.70	571.55	571.79	572.81				
11	20	DEC 73		572.23	571.78	571.53	571.68	571.39	571.30	571.49	571.63	571.19	571.63				
21	31	DEC 73	571.94	572.09	572.50	572.14	571.12	571.74	571.48	572.44	572.81	572.41	572.72	571.77	5 2400	576.30 26 2300 570.48	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

572.80

81-99

SEP

61-79

572.80

572.80

↑
4
7

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3
8

DOWN

ANNUAL SUMMARY OF LEVELS
STURGEON POINT, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.68 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.42 JUN 1973
DAILY MEAN ELEVATION 574.17 18 MAR 1973
INSTANT/HOURLY ELEVATION 576.47 0700 1 NOV 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.92	4	JAN	1973
572.62	21	FEB	1973
574.17	18	MAR	1973
573.96	10	APR	1973
573.72	3	MAY	1973
573.62	9	JUN	1973
573.84	13	JUL	1973
573.25	2	AUG	1973
573.04	6	SEP	1973
572.95	14	OCT	1973
573.96	1	NOV	1973
572.98	6	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.88 DEC 1973
DAILY MEAN ELEVATION 570.97 29 OCT 1973
INSTANT/HOURLY ELEVATION 570.11 0200 28 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.03	21	JAN	1973
571.71	27	FEB	1973
571.82	5	MAR	1973
572.58	9	APR	1973
572.89	27	MAY	1973
572.99	17	JUN	1973
572.77	23	JUL	1973
572.63	22	AUG	1973
571.69	30	SEP	1973
570.97	29	OCT	1973
571.31	20	NOV	1973
571.17	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.20													0
574.00			1										1
573.80	2			1			1				1		6
573.60				1	1	1							9
573.40	1			4	3	18	11						46
573.20	3		1	8	9	8	7	1					83
573.00	2		4	10	14	2	8	11	1				135
572.80			8	4	4	1	3	10	2	1		1	169
572.60	7	3	4	1			1	9	7	2	3	1	207
572.40	4	4	2	1					7	3	2	2	232
572.20	6	7	6						4	3	2	4	264
572.00	3	2	4						5	11	3	4	296
571.80		4	1						3	5	9		318
571.60		1							1	3	5	11	339
571.40										1	3	5	348
571.20										1	2	2	353
571.00												1	354
570.80											1		355

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

DAILY WATER LEVELS

STURGEON POINT, N.Y. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME ELEV.	INSTANT/HOURLY DAY TIME ELEV.	LOW DAY TIME ELEV.						
1	10 JAN 73	573.88	572.69	572.21	573.92	573.22	572.60	572.34	572.26	573.15	573.50
11	20 JAN 73	573.31	573.09	572.66	572.65	572.42	572.74	572.42	572.30	572.80	572.56
21	31 JAN 73	572.73	572.03	572.29	573.36	572.75	572.67	572.32	572.07	572.12	
										4 0800	575.65 22 0800 571.55
1	10 FEB 73									572.61	572.62 572.40
11	20 FEB 73	571.93	571.96	572.19	572.18	572.31	572.37	572.41	572.44	572.47	572.39
21	28 FEB 73	572.27	572.62	572.49	572.30	572.33	571.90	571.86	571.71	572.21	
										21 2100	573.90 27 0500 571.09
1	10 MAR 73	572.28	572.18	572.14	572.25	571.82	572.20	572.29	572.39	572.06	572.23
11	20 MAR 73	572.40	572.93	572.55	572.46	572.91	572.62	572.69	574.17	573.38	573.01
21	31 MAR 73	572.69	572.78	572.95	573.05	572.98	572.88	572.92	572.79	572.95	573.04 573.13 572.91 17 2400 575.49 17 0600 570.61
1	10 APR 73	573.04	573.46	573.39	573.23	573.56	573.51	573.00	572.80	572.58	573.96
11	20 APR 73	573.62	573.35	573.35	573.17	573.13	573.33	573.18	573.12	573.04	573.06
21	30 APR 73	573.22	573.14	573.33	573.19	573.21	573.00	572.97	572.92	573.55	573.39 573.06 9 2400 574.88 9 1700 571.72
1	10 MAY 73	573.18	573.20	573.72	573.57	573.44	573.18	573.03	572.99	573.32	573.27
11	20 MAY 73	573.34	573.45	573.31	573.15	573.27	573.32	573.19	573.18	573.02	573.02
21	31 MAY 73	573.21	573.21	573.10	573.01	573.00	573.00	573.10	572.89	573.17	573.29 573.17 573.40 3 1400 574.11 8 0400 572.47
1	10 JUN 73	573.40	573.16	573.18	573.38	573.41	573.44	573.48	573.46	573.62	573.44
11	20 JUN 73	573.53	573.51	573.53	573.53	573.43	573.38	572.99	573.40	573.38	573.42
21	30 JUN 73	573.42	573.49	573.53	573.53	573.50	573.32	573.40	573.39	573.41	573.56 573.46 24 0600 574.08 17 0300 572.13
1	10 JUL 73	573.40	573.38	573.56	573.54	573.52	573.49	573.50	573.52	573.47	573.38
11	20 JUL 73	573.24	573.43	573.84	573.47	573.33	573.15	573.07	573.10	573.13	573.11
21	31 JUL 73	573.28	572.99	572.82	572.77	572.94	573.02	573.21	573.55	573.44	573.26 573.03 573.05 13 0500 574.53 21 1300 572.58
1	10 AUG 73	573.07	573.25	573.14	573.12	573.07	573.03	572.99	573.01	573.12	573.06
11	20 AUG 73	573.17	573.15	572.86	572.77	572.81	572.76	572.80	572.90	572.88	572.91
21	31 AUG 73	572.93	572.87	572.63	572.78	572.70	572.77	572.78	572.91	573.01	572.90 572.77 572.82 31 0200 574.67 31 0800 572.07
1	10 SEP 73	572.75	572.72	572.68	572.68	572.73	573.04	572.90	572.63	572.52	572.67
11	20 SEP 73	572.83	572.55	572.15	572.29	572.42	572.32	572.08	572.58	572.50	572.43
21	30 SEP 73	572.41	571.98	572.51	572.30	571.90	571.99	572.09	572.23	572.11	572.14 571.69 11 0200 573.75 18 1100 571.22
1	10 OCT 73	572.01	572.23	572.28	572.21	572.54	572.09	572.14	572.01	572.08	572.05
11	20 OCT 73	572.05	572.16	572.70	572.95	572.41	572.76	572.41	572.18	572.01	572.00
21	31 OCT 73	572.06	571.82	571.76	571.86	571.77	571.83	571.97	571.54	571.29	570.97 571.71 572.05 13 2300 573.98 28 0200 570.11
1	10 NOV 73	573.96	572.16	572.45	571.95	572.33	572.75	572.10	572.58	572.12	571.83
11	20 NOV 73	571.96	571.97	571.84	571.81	571.60	571.98	571.96	571.74	571.60	571.31
21	30 NOV 73	572.04	571.61	571.82	571.71	571.66	571.53	571.39	571.76	572.24	572.79 572.68 1 0700 576.47 25 1300 570.62
1	10 DEC 73	571.73	571.61	572.01	571.68	572.37	572.98	571.69	571.53	571.80	572.61
11	20 DEC 73	572.16	571.73	571.51	571.73	571.44	571.37	571.50	571.64	571.23	571.68
21	31 DEC 73	571.88	572.05	572.37	572.03	571.17	571.69	571.47	572.39	572.57	572.34 572.58 571.77 5 2400 575.05 26 2200 570.56

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

ANNUAL SUMMARY OF LEVELS
BARCELONA, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.57 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.35 JUN 1973
DAILY MEAN ELEVATION 573.55 13 JUL 1973
INSTANT/HOURLY ELEVATION 573.97 0900 13 JUL 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.00	1	JAN	1973
572.56	3	FEB	1973
		MAR	1973
573.36	12	APR	1973
573.46	4	MAY	1973
573.50	29	JUN	1973
573.55	13	JUL	1973
573.22	2	AUG	1973
572.97	6	SEP	1973
572.73	14	OCT	1973
573.05	1	NOV	1973
572.56	6	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.75 DEC 1973
DAILY MEAN ELEVATION 571.25 24 DEC 1973
INSTANT/HOURLY ELEVATION 570.76 0200 28 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.80	31	JAN	1973
571.66	27	FEB	1973
		MAR	1973
572.45	10	APR	1973
572.88	8	MAY	1973
572.86	17	JUN	1973
572.84	23	JUL	1973
572.77	22	AUG	1973
571.81	30	SEP	1973
571.28	29	OCT	1973
571.40	20	NOV	1973
571.25	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
573.60													0
573.40					1	15	12						28
573.20				5	5	11	5	1					55
573.00				18	17	3	10	11			1		115
572.80	4			5	8	1	4	13	3				153
572.60	5			1				6	6	2			173
572.40	9	7		1					7	2	2	1	202
572.20	7	10							5	5	4	1	234
572.00	5	5							7	11	4	3	269
571.80		4							2	7	6	3	291
571.60	1	1								2	7	10	312
571.40											5	7	324
571.20										2	1	2	329

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

DAILY WATER LEVELS
BARCELONA, N.Y. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.													
1	10	JAN	73	573.00	572.50	572.16	572.76	572.86	572.48	572.34	572.29	572.70	572.99													
11	20	JAN	73	572.94	572.72	572.45	572.50	572.31	572.49	572.37	572.29	572.34	572.48													
21	31	JAN	73	572.47	572.07	572.10	572.76	572.65	572.50	572.32	572.13	572.16	572.45	572.57	571.80	4	1500	573.34	31	1200	571.40					
1	10	FEB	73	572.20	572.32	572.56	572.49	571.91	571.89	572.28	572.44	572.54	572.48													
11	20	FEB	73	572.05	572.00	572.14	572.20	572.27	572.39	572.39	572.40	572.42	572.32													
21	28	FEB	73	572.25	572.38	572.50	572.25	572.29	572.09	571.85	571.66							3	0400	572.78	27	1100	571.51			
1	10	MAR	73																							
11	20	MAR	73																							
21	31	MAR	73																							
1	10	APR	73	572.94	573.15	573.15	573.26	573.09	573.26	573.30	573.02	572.62	572.45													
11	20	APR	73	572.85	573.36	573.16	573.09	573.07	573.13	573.16	573.09	573.05	573.02													
21	30	APR	73	573.07	573.07	573.15	573.14	573.14	572.99	572.95	572.89	573.20	573.26	573.05							12	1700	573.51	10	1800	572.02
1	10	MAY	73	573.08	573.14	573.36	573.46	573.27	573.11	572.98	572.88	573.13	573.15													
11	20	MAY	73	573.14	573.19	573.21	573.16	573.16	573.22	573.09	573.12	572.99	572.96													
21	31	MAY	73	573.11	573.07	573.07	573.03	572.98	572.99	573.03	572.89	572.98	573.15	573.12	573.23	4	1600	573.55	8	0600	572.69					
1	10	JUN	73	573.28	573.16	573.10	573.26	573.28	573.32	573.44	573.43	573.50	573.42													
11	20	JUN	73	573.47	573.47	573.48	573.46	573.42	573.37	572.86	573.30	573.33	573.39													
21	30	JUN	73	573.35	573.46	573.46	573.47	573.39	573.26	573.06	573.36	573.44	573.50	573.40							24	0800	573.71	26	0100	572.09
1	10	JUL	73	573.40	573.36	573.45	573.45	573.50	573.47	573.47	573.46	573.43	573.35													
11	20	JUL	73	573.32	573.35	573.55	573.44	573.28	573.18	573.12	573.11	573.13	573.12													
21	31	JUL	73	573.25	572.95	572.90	572.84	572.94	573.06	573.15	573.43	573.42	573.19	573.04	573.02	13	0900	573.97	21	1400	572.74					
1	10	AUG	73	573.05	573.22	573.16	573.13	573.08	573.05	573.02	573.01	573.08	573.07													
11	20	AUG	73	573.14	573.14	572.90	572.81	572.87	572.82	572.82	572.95	572.93	572.96													
21	31	AUG	73	572.95	573.00	572.77	572.83	572.78	572.78	572.80	572.91	572.97	572.88	572.80	572.78	12	0700	573.42	31	2400	572.58					
1	10	SEP	73	572.75	572.74	572.72	572.71	572.73	572.97	572.87	572.71	572.57	572.60													
11	20	SEP	73	572.84	572.59	572.28	572.27	572.41	572.48	572.16	572.40	572.42	572.45													
21	30	SEP	73	572.43	572.05	572.37	572.34	572.04	571.94	572.10	572.20	572.13	572.15	571.81							6	1900	573.32	30	2200	571.65
1	10	OCT	73	571.99	572.13	572.28	572.23	572.40	572.19	572.17	572.08	572.13	572.12													
11	20	OCT	73	572.10	572.13	572.38	572.78	572.44	572.63	572.41	572.25	572.09	572.08													
21	31	OCT	73	572.07	571.87	571.83	571.88	571.83	571.83	571.94	571.69	571.32	571.28	571.68	572.04	14	0200	573.23	28	0200	570.76					
1	10	NOV	73	573.05	572.09	572.30	572.07	572.23	572.57	572.07	572.31	572.09	571.84													
11	20	NOV	73	571.85	571.84	571.76	571.73	571.60	571.96	571.87	571.74	571.65	571.40													
21	30	NOV	73	571.94	571.52	571.76	571.72	571.59	571.50	571.47	571.70	571.96	572.48	572.38							1	1300	573.87	25	1400	570.93
1	10	DEC	73	571.67	571.60	571.89	571.71	571.91	572.56	571.71	571.57	571.76	572.23													
11	20	DEC	73	572.08	571.70	571.54	571.72	571.52	571.48	571.58	571.69	571.37	571.63													
21	31	DEC	73	571.75	572.04	572.20	571.92	571.25	571.62	571.54	571.74							6	0400	573.20	26	2300	570.91			

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

ANNUAL SUMMARY OF LEVELS
ERIE, PA. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.68 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.46 JUN 1973
DAILY MEAN ELEVATION 573.88 18 MAR 1973
INSTANT/HOURLY ELEVATION 574.73 0025 18 MAR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.18	1	JAN	1973
572.67	9	FEB	1973
573.88	18	MAR	1973
573.72	10	APR	1973
573.57	3	MAY	1973
573.58	29	JUN	1973
573.60	13	JUL	1973
573.27	2	AUG	1973
572.94	6	SEP	1973
572.57	14	OCT	1973
573.11	1	NOV	1973
572.36	6	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.80 DEC 1973
DAILY MEAN ELEVATION 571.41 24 DEC 1973
INSTANT/HOURLY ELEVATION 570.80 0030 28 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.14	21	JAN	1973
572.01	1	FEB	1973
572.06	5	MAR	1973
572.87	9	APR	1973
573.02	27	MAY	1973
573.22	2	JUN	1973
573.00	23	JUL	1973
572.79	31	AUG	1973
571.93	30	SEP	1973
571.47	29	OCT	1973
571.44	20	NOV	1973
571.41	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.00													0
573.80			1										1
573.60				1			1						3
573.40				3	2	24	14						46
573.20			1	9	15	6	8	1					86
573.00	1		9	16	14		7	12			1		146
572.80	5		5	1			1	16	2				176
572.60	3	5	2					2	8				196
572.40	11	11	4						7	4			233
572.20	8	5	8						7	4	4	2	271
572.00	1	5	1						5	11	6	5	305
571.80									1	8	4	4	322
571.60										2	12	10	346
571.40										2	3	6	357

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3038

DAILY WATER LEVELS
ERIE, PA. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME
1	10	JAN 73	573.18	572.58	572.26	572.75	572.83	572.63	572.46	572.39	572.92	572.95			
11	20	JAN 73	572.82	572.74	572.47	572.43	572.38	572.47	572.33	572.28	572.56	572.52			
21	31	JAN 73	572.54	572.14	572.25	572.83	572.60	572.48	572.33	572.22	572.41	572.54	23	0600	573.42 22 0846 571.04
1	10	FEB 73	572.01	572.47	572.67	572.65	572.10	572.46	572.55	572.65	572.67	572.56			
11	20	FEB 73			572.30	572.27	572.45	572.46	572.46	572.44	572.47	572.42			
21	28	FEB 73	572.40	572.64	572.44	572.38	572.37	572.10	572.09	572.02	572.30		21	2200	573.49 27 0445 571.59
1	10	MAR 73	572.32	572.24	572.24	572.29	572.06	572.27	572.30	572.41	572.26	572.34			
11	20	MAR 73	572.43	572.78	572.60	572.51	572.84	572.73	573.00	573.88	573.34	573.06			
21	31	MAR 73	572.76	572.95	573.08	573.11	573.06	572.99	573.07	572.99	573.06	573.10	573.17	573.05	18 0025 574.73 17 0405 571.57
1	10	APR 73	573.17	573.34	573.29	573.31	573.47	573.36	573.12	573.06	572.87	573.72			
11	20	APR 73	573.50	573.31	573.32	573.19	573.17	573.28	573.16	573.17	573.11	573.15			
21	30	APR 73	573.24	573.17	573.25	573.20	573.18	573.10	573.10	573.15	573.48	573.30	573.17	10	0135 574.67 9 1610 572.11
1	10	MAY 73	573.23	573.22	573.57	573.45	573.34	573.18	573.11	573.04	573.26	573.26			
11	20	MAY 73	573.28	573.36	573.28	573.21	573.25	573.28	573.20	573.15	573.09	573.14			
21	31	MAY 73	573.22	573.19	573.15	573.13	573.13	573.10	573.18	573.02	573.23	573.27	573.24	573.36	3 2108 573.84 27 1325 572.62
1	10	JUN 73	573.33	573.22	573.26	573.37	573.36	573.46	573.49	573.48	573.55	573.48			
11	20	JUN 73	573.52	573.53	573.54	573.55	573.49	573.47	573.24	573.50	573.48	573.49			
21	30	JUN 73	573.46	573.55	573.55	573.53	573.53	573.40	573.44	573.46	573.48	573.58	573.49	24	0418 574.31 17 0045 572.49
1	10	JUL 73	573.48	573.46	573.57	573.59	573.54	573.53	573.51	573.50	573.49	573.45			
11	20	JUL 73	573.42	573.43	573.60	573.41	573.34	573.28	573.25	573.24	573.23	573.18			
21	31	JUL 73	573.34	573.14	573.03	573.00	573.13	573.15	573.22	573.42	573.38	573.25	573.09	573.13	13 0758 574.21 21 0010 572.72
1	10	AUG 73	573.18	573.27	573.18	573.15	573.12	573.10	573.08	573.07	573.11	573.07			
11	20	AUG 73	573.14	573.13	572.94	572.89	572.96	572.93	572.93	573.01	572.98	573.00			
21	31	AUG 73	572.99	572.99	572.83	572.87	572.80	572.84	572.83	572.91	572.90	572.88	572.82	572.79	9 2029 573.60 31 0520 572.10
1	10	SEP 73	572.80	572.79	572.77	572.78	572.80	572.94	572.84	572.67	572.59	572.67			
11	20	SEP 73	572.74	572.56	572.29	572.44	572.48	572.46	572.21	572.56	572.43	572.40			
21	30	SEP 73	572.46	572.11	572.37	572.28	572.06	572.08	572.14	572.22	572.18	572.23	571.93	18	0240 573.49 30 0319 571.65
1	10	OCT 73	572.10	572.23	572.24	572.19	572.44	572.13	572.18	572.10	572.14	572.12			
11	20	OCT 73	572.10	572.16	572.44	572.57	572.30	572.55	572.28	572.13	571.99	571.97			
21	31	OCT 73	572.06	571.87	571.82	571.87	571.82	571.80	571.92	571.63	571.54	571.47	571.90	572.01	14 0035 573.46 28 0030 570.80
1	10	NOV 73	573.11	572.05	572.22	571.93	572.21	572.34	571.91	572.15	572.02	571.81			
11	20	NOV 73	571.77	571.69	571.65	571.65	571.66	572.05	571.81	571.65	571.62	571.44			
21	30	NOV 73	571.90	571.60	571.70	571.64	571.67	571.64	571.52	571.78	572.09	572.38	572.20	1	1013 574.01 15 1245 571.17
1	10	DEC 73	571.79	571.63	571.82	571.69	572.14	572.36	571.72	571.59	571.80	572.17			
11	20	DEC 73	571.98	571.63	571.53	571.81	571.63	571.61		571.67	571.45	571.79			
21	31	DEC 73	571.80			571.41	571.54	571.54	572.09	572.12	572.06	572.25	571.82	5	2300 573.64 26 2100 570.94

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3038

ANNUAL SUMMARY OF LEVELS
CLEVELAND, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.71 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.51 JUN 1973
DAILY MEAN ELEVATION 573.82 17 JUN 1973
INSTANT/HOURLY ELEVATION 574.48 2400 16 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.78	31	JAN	1973
572.76	5	FEB	1973
573.52	17	MAR	1973
573.57	9	APR	1973
573.35	27	MAY	1973
573.82	17	JUN	1973
573.57	11	JUL	1973
573.23	1	AUG	1973
572.82	2	SEP	1973
572.42	29	OCT	1973
572.01	5	NOV	1973
572.19	17	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.77 NOV 1973
DAILY MEAN ELEVATION 571.41 6 DEC 1973
INSTANT/HOURLY ELEVATION 570.64 0100 6 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.07	1	JAN	1973
572.33	19	FEB	1973
572.29	1	MAR	1973
573.13	16	APR	1973
573.14	3	MAY	1973
573.26	1	JUN	1973
573.08	27	JUL	1973
572.82	27	AUG	1973
572.13	22	SEP	1973
571.85	19	OCT	1973
571.44	12	NOV	1973
571.41	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.00													0
573.80						1							1
573.60						3							4
573.40			1	4		22	11						42
573.20			8	23	25	4	13	1					116
573.00			6	3	6		7	19					157
572.80			1					11	3				172
572.60	5	8	4						6				195
572.40	10	14	6						10	1			236
572.20	11	6	5						9	14			281
572.00	5								2	7			302
571.80										9	12	11	334
571.60											13	10	357
571.40											4	4	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

DAILY WATER LEVELS
CLEVELAND, OHIO ON LAKE ERIE

DAY		MONTH	MONTHLY MEANS											HIGH DAY TIME		INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME ELEV.	
1	10	JAN 73		572.07	572.47	572.50	572.24	572.45	572.67	572.66	572.60	572.41	572.13						
11	20	JAN 73		572.26	572.20	572.24	572.27	572.41	572.16	572.29	572.33	572.26	572.51						
21	31	JAN 73	572.39	572.51	572.38	572.14	572.36	572.28	572.42	572.58	572.68	572.77	572.21	572.78	31	1700	573.58 4 1000 571.43		
1	10	FEB 73		572.47	572.43	572.51	572.39	572.76	572.70	572.54	572.75	572.56	572.64						
11	20	FEB 73		572.68	572.68	572.58	572.57	572.68	572.65	572.46	572.37	572.33	572.38						
21	28	FEB 73	572.53	572.42	572.43	572.41	572.37	572.53	572.58	572.60	572.35			21	1500	573.09 4 0700 572.03			
1	10	MAR 73		572.29	572.36	572.39	572.38	572.61	572.47	572.38	572.44	572.58	572.58						
11	20	MAR 73		572.56	572.50	572.68	572.80	572.77	572.95	573.52	573.09	573.08	573.18						
21	31	MAR 73	572.88	573.26	573.20	573.14	573.17	573.26	573.30	573.28	573.22	573.21	573.24	573.33	17	1700	574.05 1 1000 572.21		
1	10	APR 73		573.32	573.21	573.26	573.38	573.28	573.26	573.47	573.49	573.57	573.19						
11	20	APR 73		573.31	573.33	573.32	573.30	573.28	573.13	573.29	573.29	573.32	573.29						
21	30	APR 73	573.30	573.24	573.15	573.25	573.23	573.27	573.28	573.45	573.31	573.28	573.37		9	1800	574.20 10 0300 572.31		
1	10	MAY 73		573.25	573.25	573.14	573.24	573.23	573.24	573.26	573.22	573.23	573.21						
11	20	MAY 73		573.26	573.25	573.26	573.28	573.24	573.16	573.27	573.19	573.18	573.24						
21	31	MAY 73	573.25	573.16	573.20	573.29	573.33	573.29	573.29	573.35	573.29	573.28	573.34	573.27	9	1900	573.63 3 0100 572.90		
1	10	JUN 73		573.26	573.36	573.33	573.36	573.43	573.52	573.50	573.49	573.48	573.54						
11	20	JUN 73		573.50	573.50	573.59	573.56	573.56	573.61	573.82	573.61	573.88	573.60						
21	30	JUN 73	573.51	573.56	573.53	573.52	573.50	573.56	573.46	573.48	573.45	573.48	573.50		16	2400	574.48 3 2400 573.02		
1	10	JUL 73		573.52	573.52	573.49	573.51	573.54	573.50	573.47	573.45	573.47	573.48						
11	20	JUL 73		573.57	573.35	573.18	573.32	573.35	573.35	573.34	573.29	573.24	573.26						
21	31	JUL 73	573.34	573.32	573.32	573.29	573.21	573.20	573.18	573.08	573.16	573.20	573.19	573.21	2	2100	574.04 27 1100 572.83		
1	10	AUG 73		573.23	573.18	573.20	573.16	573.12	573.10	573.08	573.08	573.04	573.06						
11	20	AUG 73		572.99	573.01	573.07	573.05	573.10	573.08	573.08	573.05	573.02	573.13						
21	31	AUG 73	573.03	573.20	573.09	572.94	572.97	572.90	572.87	572.82	572.83	572.85	572.85	572.85	20	2200	573.46 31 1600 572.54		
1	10	SEP 73		572.82	572.82	572.81	572.79	572.76	572.79	572.75	572.75	572.70	572.59						
11	20	SEP 73		572.57	572.57	572.58	572.60	572.53	572.52	572.52	572.42	572.28	572.30						
21	30	SEP 73	572.51	572.39	572.13	572.26	572.34	572.30	572.23	572.20	572.29	572.32	572.42		7	0100	573.19 22 1000 571.87		
1	10	OCT 73		572.26	572.23	572.28	572.27	572.31	572.32	572.29	572.33	572.29	572.26						
11	20	OCT 73		572.23	572.12	571.98	572.16	572.34	572.25	572.06	572.08	571.85	572.05						
21	31	OCT 73	572.14	571.99	571.99	571.93	571.93	571.86	571.92	571.97	572.18	572.42	572.31	572.01	5	0200	572.83 19 2200 571.59		
1	10	NOV 73		571.62	571.99	571.95	571.99	572.01	571.88	571.80	571.63	571.95	571.87						
11	20	NOV 73		571.57	571.44	571.50	571.58	571.76	571.94	571.68	571.64	571.76	571.84						
21	30	NOV 73	571.77	571.64	571.65	571.73	571.74	571.92	571.91	571.84	571.98	571.78	571.62		1	0200	572.75 1 0900 570.88		
1	10	DEC 73		571.90	571.83	571.70	571.80	571.65	571.41	571.88	571.85	571.80	571.48						
11	20	DEC 73		571.69	571.71	571.93	572.07	572.05	572.07	572.19	571.86	571.88	571.99						
21	31	DEC 73	571.83	572.18	571.53	571.69	571.97	571.75	571.98	571.68	571.60	571.86	571.73	572.10	14	0300	572.45 6 0100 570.64		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

ANNUAL SUMMARY OF LEVELS
MARBLEHEAD, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.70 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.52 JUN 1973
DAILY MEAN ELEVATION 574.07 17 JUN 1973
INSTANT/HOURLY ELEVATION 574.92 1712 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.02	31	JAN	1973
573.33	5	FEB	1973
573.52	31	MAR	1973
573.87	9	APR	1973
573.58	27	MAY	1973
574.07	17	JUN	1973
573.68	11	JUL	1973
573.25	21	AUG	1973
572.88	3	SEP	1973
572.78	29	OCT	1973
572.11	26	NOV	1973
572.31	24	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.60 NOV 1973
DAILY MEAN ELEVATION 570.57 1 NOV 1973
INSTANT/HOURLY ELEVATION 569.32 1045 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.51	1	JAN	1973
572.06	21	FEB	1973
572.33	1	MAR	1973
572.96	10	APR	1973
572.77	3	MAY	1973
573.32	1	JUN	1973
572.92	27	JUL	1973
572.80	27	AUG	1973
572.06	22	SEP	1973
571.70	14	OCT	1973
570.57	1	NOV	1973
570.81	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.20													0
574.00						1							1
573.80				1									2
573.60				2		3	1						8
573.40			4	3	3	23	15						56
573.20		1	7	16	19	3	11	5					118
573.00	1		3	7	8		1	15					153
572.80		3	3	1			3	10	5				178
572.60	7	9	5		1			1	7	1			209
572.40	3	6	7						10	5			240
572.20	5	8	2						7	9		5	276
572.00	9	1							1	3	2	4	296
571.80	1									7	3	8	315
571.60	3									4	11	5	340
571.40	2										6	3	351
571.20											6	4	361
571.00													361
570.80												2	363
570.60													363
570.40											1		364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

DAILY WATER LEVELS
MARBLEHEAD, OHIO ON LAKE ERIE

MONTHLY MEANS													HIGH INSTANT/HOURLY LOW					
DAY	MONTH												DAY	TIME	ELEV.	DAY	TIME	ELEV.
1	10	JAN	73	571.51	572.38	572.69	571.58	572.14	572.55	572.69	572.68	572.02	571.71					
11	20	JAN	73	571.79	572.00	572.16	572.19	572.37	572.02	572.24	572.36	572.03	572.37					
21	31	JAN	73	572.26	572.74	572.44	571.67	572.16	572.18	572.45	572.65	572.68	572.63	572.01	573.02	31	1310 573.69 4 0950 570.30	
1	10	FEB	73	572.68	572.43	572.34	572.29	573.33	572.91	572.61	572.76	572.48	572.64					
11	20	FEB	73	572.88	572.83	572.64	572.65	572.58	572.58	572.48	572.35	572.28	572.38					
21	28	FEB	73	572.57	572.06	572.27	572.42	572.39	572.80	572.74	572.72	572.40			5	1437 573.79	21 2340 571.30	
1	10	MAR	73	572.33	572.41	572.45	572.42	572.85	572.59	572.51	572.48	572.78	572.64					
11	20	MAR	73	572.64	572.40	572.73	572.88	572.71	573.13	573.18	572.44	572.98	573.26					
21	31	MAR	73	572.92	573.41	573.25	573.17	573.28	573.40	573.42	573.43	573.31	573.29	573.26	573.52	17	0640 574.60 18 0152 571.32	
1	10	APR	73	573.42	573.14	573.23	573.38	573.19	573.18	573.63	573.75	573.87	572.96					
11	20	APR	73	573.17	573.38	573.33	573.37	573.35	573.05	573.31	573.32	573.40	573.38					
21	30	APR	73	573.33	573.27	573.10	573.25	573.31	573.39	573.38	573.55	573.12	573.35	573.45	9	1712 574.92	10 0250 572.12	
1	10	MAY	73	573.32	573.26	572.77	573.07	573.14	573.25	573.32	573.31	573.15	573.21					
11	20	MAY	73	573.20	573.13	573.31	573.34	573.20	573.03	573.22	573.22	573.27	573.22					
21	31	MAY	73	573.25	573.08	573.26	573.37	573.43	573.37	573.31	573.58	573.35	573.33	573.42	573.25	27	1510 573.99 3 1500 572.55	
1	10	JUN	73	573.32	573.55	573.50	573.39	573.45	573.49	573.47	573.48	573.42	573.54					
11	20	JUN	73	573.50	573.46	573.61	573.57	573.59	573.58	574.07	573.69	573.58	573.58					
21	30	JUN	73	573.52	573.55	573.51	573.50	573.44	573.64	573.44	573.42	573.35	573.41	573.52	17	0400 574.78 4 0455 573.00		
1	10	JUL	73	573.57	573.56	573.48	573.48	573.56	573.50	573.49	573.46	573.51	573.56					
11	20	JUL	73	573.68	573.35	572.95	573.29	573.42	573.43	573.39	573.33	573.27	573.34					
21	31	JUL	73	573.38	573.49	573.59	573.55	573.35	573.28	573.16	572.92	572.97	573.23	573.25	573.26	11	0440 573.99 13 0550 572.29	
1	10	AUG	73	573.23	573.12	573.23	573.18	573.13	573.10	573.10	573.08	572.95	573.02					
11	20	AUG	73	572.93	572.94	573.13	573.17	573.22	573.17	573.17	573.05	573.07	573.14					
21	31	AUG	73	573.06	573.25	573.23	573.00	573.05	572.95	572.91	572.80	572.81	572.86	572.83	572.86	15	0800 573.70 31 1440 572.31	
1	10	SEP	73	572.84	572.86	572.88	572.84	572.78	572.66	572.66	572.79	572.78	572.56					
11	20	SEP	73	572.43	572.58	572.77	572.67	572.52	572.56	572.59	572.34	572.21	572.29					
21	30	SEP	73	572.56	572.57	572.06	572.30	572.58	572.44	572.36	572.23	572.40	572.44	572.83	18	1155 573.32	18 0503 571.60	
1	10	OCT	73	572.42	572.30	572.28	572.30	572.24	572.46	572.36	572.48	572.41	572.41					
11	20	OCT	73	572.39	572.25	571.75	571.70	571.87	571.76	571.80	571.80	571.74	571.97					
21	31	OCT	73	572.13	572.02	572.04	571.98	572.00	571.90	571.86	572.20	572.27	572.78	572.26	571.88	29	1345 573.56 13 2215 570.91	
1	10	NOV	73	570.57	571.86	571.37		571.56	571.39	571.69	571.24	571.60	571.73					
11	20	NOV	73	571.49	571.37	571.46	571.58	571.72	571.58	571.64	571.63	571.79	572.07					
21	30	NOV	73	571.60	571.73	571.67	571.75	571.76	572.00	572.11	571.86	571.73	571.27	571.24	25	1125 572.70	1 1045 569.32	
1	10	DEC	73	571.98	571.99	571.64	571.90	571.32	570.81	571.90	571.99	571.73	570.92					
11	20	DEC	73	571.36	571.78	572.11	572.00	572.19	572.22	572.24	571.87	572.23	572.03					
21	31	DEC	73	571.79	571.80	571.24	571.60	572.31	571.90	572.23	571.37	571.42	571.63	571.51	572.19	26	2118 572.97 5 2300 570.00	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

ANNUAL SUMMARY OF LEVELS
TELEBO, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.66 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.51 JUN 1973
DAILY MEAN ELEVATION 574.60 9 APR 1973
INSTANT/HOURLY ELEVATION 576.67 1600 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.45	31	JAN	1973
573.70	5	FEB	1973
573.85	31	MAR	1973
574.60	9	APR	1973
574.01	27	MAY	1973
574.42	17	JUN	1973
573.73	23	JUL	1973
573.32	14	AUG	1973
573.29	30	SEP	1973
573.19	29	OCT	1973
572.35	26	NOV	1973
572.62	19	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.48 NOV 1973
DAILY MEAN ELEVATION 569.52 1 NOV 1973
INSTANT/HOURLY ELEVATION 567.55 1300 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.70	4	JAN	1973
571.97	21	FEB	1973
571.04	18	MAR	1973
572.70	28	APR	1973
572.10	3	MAY	1973
573.16	29	JUN	1973
572.46	28	JUL	1973
572.71	27	AUG	1973
571.91	22	SEP	1973
571.32	16	OCT	1973
569.52	1	NOV	1973
569.98	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.60 ³⁷				1									1
574.40						1							2
574.20													2
574.00				1	1								4
573.80			1	1		1							7
573.60		1	2	2		4	2						18
573.40	1		3	8	9	15	4						58
573.20 ³⁰			6	8	7	7	4	3	1				94
573.00	1	2	3	4	7	2	4	14		1			132
572.80	1	3	1	3	3			10	9				162
572.60	4	5	5	2	1			4	4			2	190
572.40	4	5	6				2		8	6		1	222
572.20	5	7	2						4	5	2	3	250
572.00	4	2	1		1				3	7	1	6	275
571.80	3	2							1	3	4	6	294
571.60	4									3	6	1	308
571.40	1									3	7	2	321
571.20 ²⁰	1									2	4	2	330
571.00			1								1	5	337
570.80											2		339
570.60	2										2	1	344
570.40													344
570.20												1	345
570.00													345
569.80												1	346
569.60													346
569.40 ¹¹											1		347

DAILY WATER LEVELS
TOLEDO, OHIO ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME
1	10	JAN 73	570.79	572.23	572.93	570.70	571.71	572.50	572.74	572.74	571.87	571.53			
11	20	JAN 73	571.69	571.95	572.14	572.17	572.38	571.92	572.24	572.42	571.69	572.34			
21	31	JAN 73	572.16	573.13	572.54	571.23	572.02	572.11	572.48	572.72	572.62	572.33	571.75	573.45	31 1300 575.03
1	10	FEB 73	572.90	572.41	572.04	572.06	573.70	573.07	572.57	572.45	572.36	572.62			
11	20	FEB 73	573.03	572.96	572.69	572.68	572.39	572.28		572.36	572.31	572.40			
21	28	FEB 73	572.55	571.97	571.98	572.43	572.39	572.95	572.71	572.80	572.47				5 1500 574.55
1	10	MAR 73	572.38	572.46	572.51	572.47	573.04	572.65	572.56	572.49	572.94	572.69			
11	20	MAR 73	572.64	572.12	572.80	573.06	572.35	573.18	572.57	571.04	572.76	573.36			
21	31	MAR 73	572.91	573.58	573.31	573.21	573.40	573.61	573.60	573.64	573.41	573.35	573.25	573.85	17 0800 574.79
1	10	APR 73	573.52	573.02	573.12	573.39	573.05	573.02	573.85	574.04	574.60	572.70			
11	20	APR 73	572.94	573.41	573.34	573.45	573.37	572.84	573.33	573.36	573.63	573.49			
21	30	APR 73	573.36	573.25	573.00	573.22	573.43	573.61	573.55	573.66	572.70	573.36	573.51		9 1600 576.67
1	10	MAY 73	573.26	573.03	572.10	572.68			573.56	573.38	573.09	573.15			
11	20	MAY 73	572.96	572.85	573.22	573.30	573.12	572.85	573.18	573.43	573.60	573.36			
21	31	MAY 73	573.24	573.20	573.38	573.54	573.52	573.53	573.37	574.01	573.42	573.42	573.50	573.09	27 1200 574.73
1	10	JUN 73	573.19	573.60	573.45	573.27	573.42	573.49	573.48	573.48	573.39	573.54			
11	20	JUN 73	573.46	573.36	573.63	573.57	573.61	573.56	574.42	573.81	573.62	573.56			
21	30	JUN 73	573.51	573.52	573.46	573.41	573.45	573.80	573.40	573.40	573.39	573.16	573.37		17 0200 576.33
1	10	JUL 73	573.46	573.56					573.38	573.28	573.36				
11	20	JUL 73	573.25	573.56	573.67	573.73	573.42	573.22	573.07	572.57	572.46	573.09	573.05	573.13	21 0100 574.03
1	10	AUG 73	573.20	573.02	573.19	573.19	573.13	573.10	573.07	573.00	572.86	572.71			
11	20	AUG 73	572.83	572.75	573.10	573.32	573.20	573.19	573.20	573.03	573.09	572.98			
21	31	AUG 73	573.03	573.23	573.29	572.99	573.17	573.00	572.89	572.71	572.79	572.89	572.88	572.90	15 2300 573.86
1	10	SEP 73	572.83	572.89	572.92	572.86	572.71	572.38	572.50	572.85	572.87	572.47			
11	20	SEP 73	572.18	572.56	572.99	572.76	572.44	572.54	572.73	572.06	572.15	572.31			
21	30	SEP 73	572.59	572.88	571.91	572.32	572.89	572.61	572.43	572.22	572.52	572.52	573.29		13 2300 573.94
1	10	OCT 73	572.60	572.29	572.26	572.23	572.05	572.53	572.40	572.54	572.44	572.47			
11	20	OCT 73	572.46	572.19	571.45	571.32	571.50	571.32	571.55	571.63	571.77	571.98			
21	31	OCT 73	572.10	572.08	572.12	572.02	572.08	571.88	571.83	572.61	572.30	573.19	572.07	571.80	29 1000 574.28
1	10	NOV 73	569.52	571.86	571.58	571.98	571.27	570.83	571.59	570.74	571.19	571.55			
11	20	NOV 73	571.41	571.27	571.40	571.56	571.69	571.23	571.59	571.64	571.81	572.34			
21	30	NOV 73	571.48	571.78	571.70	571.77	571.72	572.07	572.35	571.85	571.48	570.78	570.83		25 1200 573.20
1	10	DEC 73	572.08	572.17	571.57	572.03	570.71	569.98	571.94	572.13	571.64	570.32			
11	20	DEC 73	571.09	571.87	572.23	571.89	572.40	572.42	572.06	571.84	572.62	571.90			
21	31	DEC 73	571.70	571.29	571.03	571.50	572.61	571.97	572.38	571.09	571.19	571.38	571.20	572.15	26 2200 573.56

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3085

LO = 567.55
J = 0.2
KO = 567.40

XO = 567.41

ANNUAL SUMMARY OF LEVELS
FERMI POWER PLANT, STONY POINT, MI. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.65 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.52 JUN 1973
DAILY MEAN ELEVATION 574.23 9 APR 1973
INSTANT/HOURLY ELEVATION 575.85 0200 17 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.32	31	JAN	1973
573.40	5	FEB	1973
573.59	31	MAR	1973
574.23	9	APR	1973
573.77	27	MAY	1973
574.22	17	JUN	1973
573.62	22	JUL	1973
573.21	14	AUG	1973
573.01	30	SEP	1973
572.76	29	OCT	1973
572.27	26	NOV	1973
572.46	24	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.53 NOV 1973
DAILY MEAN ELEVATION 569.96 1 NOV 1973
INSTANT/HOURLY ELEVATION 568.30 1200 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.17	1	JAN	1973
571.93	21	FEB	1973
571.46	18	MAR	1973
572.69	10	APR	1973
572.42	3	MAY	1973
573.20	1	JUN	1973
572.76	28	JUL	1973
572.75	28	AUG	1973
572.05	22	SEP	1973
571.30	14	OCT	1973
569.96	1	NOV	1973
570.47	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.40													0
574.20				1		1							2
574.00													2
573.80													2
573.60				2	1	3	1						9
573.40			3	5	5	22	10						54
573.20	1	1	8	14	13	3	18	1					110
573.00			3	5	8	1	2	15	1				145
572.80	2	5	3	1	2		2	13	5				178
572.60	4	4	6	2	1		1	2		1			205
572.40	4	5	4		1				6			2	234
572.20	6	10	3						7		2	1	272
572.00	5	2							4			7	292
571.80	5	1							7		6	5	316
571.60	2								2		7	5	332
571.40	1		1						3		6	2	345
571.20									1		3	6	355
571.00	1										1	1	358
570.80											4		362
570.60												1	363
570.40												1	364
570.20													364
570.00													364
569.80											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3090

572.40 | 7 | 5 |
 572.20 | 8 | 10 | 572.40 II

41-59 III
 FEB
 21-39 III

DAILY WATER LEVELS

DOWN

FERMI POWER PLANT, STONY POINT, MI. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	571.17	572.43	572.94	571.87
11	20	JAN 73	571.77	572.03	572.26	572.26
21	31	JAN 73	572.25	572.96	572.62	571.52
1	10	FEB 73	572.85	572.41	572.14	572.23
11	20	FEB 73	572.95	572.88	572.64	572.67
21	28	FEB 73	572.52	571.93	572.17	572.42
1	10	MAR 73	572.40	572.43	572.47	572.42
11	20	MAR 73	572.74	572.36	572.76	573.04
21	31	MAR 73	572.87	573.37	573.22	573.16
1	10	APR 73	573.48	573.12	573.16	573.26
11	20	APR 73	572.99	573.33	573.25	573.42
21	30	APR 73	573.30	573.31	573.14	573.21
1	10	MAY 73	573.40	573.25	572.42	572.75
11	20	MAY 73	573.02	572.91	573.17	573.26
21	31	MAY 73	573.23	573.16	573.27	573.41
1	10	JUN 73	573.20	573.51	573.44	573.38
11	20	JUN 73	573.48	573.42	573.56	573.53
21	30	JUN 73	573.52	573.51	573.43	573.42
1	10	JUL 73	573.58	573.53	573.37	573.36
11	20	JUL 73	573.50	573.34	572.86	573.22
21	31	JUL 73	573.33	573.43	573.62	573.60
1	10	AUG 73	573.13	573.01	573.16	573.15
11	20	AUG 73	572.90	572.88	573.16	573.21
21	31	AUG 73	573.00	573.00	573.15	572.98
1	10	SEP 73	572.83	572.82	572.87	572.81
11	20	SEP 73	572.21	572.50	572.87	572.56
21	30	SEP 73	572.52	572.76	572.05	572.28
1	10	OCT 73	572.50	572.31	572.25	572.27
11	20	OCT 73	572.41	572.26	571.66	571.48
21	31	OCT 73	572.08	572.04	572.08	571.99
1	10	NOV 73	569.96	571.86	571.57	571.92
11	20	NOV 73	571.56	571.42	571.55	571.60
21	30	NOV 73	571.53	571.94	571.74	571.75
1	10	DEC 73	571.94	572.20	571.69	572.04
11	20	DEC 73	571.25	571.87	571.99	571.74
21	31	DEC 73	571.71	571.27	571.25	571.53

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3090

ANNUAL SUMMARY OF LEVELS
GIBRALTAR, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 572.82 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 573.68 JUN 1973
DAILY MEAN ELEVATION 574.37 17 JUN 1973
INSTANT/HOURLY ELEVATION 576.08 0300 17 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.43	31	JAN	1973
573.41	5	FEB	1973
573.67	31	MAR	1973
574.30	9	APR	1973
573.91	27	MAY	1973
574.37	17	JUN	1973
573.76	22	JUL	1973
573.34	14	AUG	1973
573.13	30	SEP	1973
572.85	29	OCT	1973
572.42	26	NOV	1973
572.54	24	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 571.72 NOV 1973
DAILY MEAN ELEVATION 570.44 1 NOV 1973
INSTANT/HOURLY ELEVATION 569.01 1200 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.47	1	JAN	1973
572.24	3	FEB	1973
571.58	18	MAR	1973
572.80	10	APR	1973
572.66	3	MAY	1973
573.35	1	JUN	1973
572.97	28	JUL	1973
572.94	28	AUG	1973
572.29	18	SEP	1973
571.52	14	OCT	1973
570.44	1	NOV	1973
570.82	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
574.40													0
574.20				1		1							2
574.00													2
573.80					1	3							6
573.60			1	4	2	18	4						37
573.40	1	1	4	12	13	7	12						89
573.20			5	10	10	1	2	14					131
573.00	2	2	3	1	3		1	13	6				142
572.80	1	5	5	1	1		1	4	6	1			187
572.60	3	8	4	1	1				7	4			215
572.40	8	4	5						8	9	1	3	255
572.20	7	6	1						3	5	1	4	282
572.00	5									6	6	7	306
571.80	2									4	8	5	325
571.60										1	5	6	337
571.40	2		1							1	2	3	346
571.20											4	1	351
571.00											2	1	354
570.80												1	355
570.60													355
570.40											1		356

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

DAILY WATER LEVELS
GIBRALTAR, MI: ON DETROIT RIVER

MONTHLY MEANS													HIGH INSTANT/HOURLY LOW								
DAY	MONTH												DAY	TIME	ELEV.	DAY	TIME	ELEV.			
1	10	JAN	73	571.47	572.48	573.12	571.58	572.07	572.80	572.78	572.85	572.11	572.07								
11	20	JAN	73	572.00	572.27	572.51	572.48	572.52	572.37	572.50	572.60	572.08	572.27								
21	31	JAN	73	572.40	573.01	572.80	571.81	572.24	572.36	572.57	572.74	572.39	572.32	572.14	573.43	31	1200	574.70	4	1100	570.25
1	10	FEB	73	573.01	572.56	572.24	572.39	573.41	572.96	572.66	572.33	572.49	572.65								
11	20	FEB	73	572.96	573.08	572.76	572.78	572.29	572.28	572.63	572.57	572.59	572.73								
21	28	FEB	73	572.68	572.32	572.75	572.76	572.49	572.99	572.82	572.92	572.55		5	1400	574.00	22	0100	571.26		
1	10	MAR	73	572.51	572.55	572.58	572.53	573.07	572.75	572.78	572.62	572.93	572.78								
11	20	MAR	73	572.92	572.53	572.90	573.19	572.85	573.11	572.22	571.58	572.97	573.30								
21	31	MAR	73	572.98	573.44	573.33	573.29	573.44	573.50	573.34	573.55	573.45	573.37	573.67	31	1700	574.20	18	0300	569.96	
1	10	APR	73	573.61	573.25	573.30	573.33	573.24	573.34	573.74	573.68	574.30	572.80								
11	20	APR	73	573.10	573.42	573.35	573.53	573.52	573.47	573.44	573.45	573.56	573.54								
21	30	APR	73	573.42	573.44	573.30	573.36	573.43	573.47	573.40	573.23	572.82	573.45	573.61	9	1800	575.82	10	1700	571.60	
1	10	MAY	73	573.57	573.44	572.66	572.87	573.19	573.44	573.63	573.64	573.34	573.39								
11	20	MAY	73	573.19	573.05	573.29	573.39	573.27	573.21	573.27	573.48	573.53	573.39								
21	31	MAY	73	573.38	573.30	573.41	573.53	573.51	573.60	573.46	573.91	573.54	573.44	573.48	573.33	27	1700	574.49	11	1000	572.14
1	10	JUN	73	573.35	573.65	573.63	573.52	573.68	573.64	573.66	573.68	573.56	573.68								
11	20	JUN	73	573.64	573.58	573.68	573.68	573.78	573.63	574.37	573.88	573.85	573.74								
21	30	JUN	73	573.68	573.68	573.59	573.58	573.59	573.87	573.67	573.76	573.61	573.86	573.68	17	0300	576.08	26	1800	572.89	
1	10	JUL	73	573.74	573.72	573.56	573.61														
11	20	JUL	73	573.65	573.52				573.54	573.51	573.46	573.46	573.48								
21	31	JUL	73	573.50	573.57	573.76	573.74	573.54	573.44	573.34	573.09	572.97	573.33	573.46	573.43	21	1400	574.40	28	1800	572.08
1	10	AUG	73	573.31	573.19	573.32	573.30	573.33	573.28	573.27	573.25	573.09	573.16								
11	20	AUG	73	573.10	573.06	573.34	573.34	573.20	573.27	573.27	573.14	573.21	573.03								
21	31	AUG	73	573.18	573.11	573.31	573.16	573.23	573.14	573.10	572.94	572.94	572.99	573.05	573.00	8	1600	573.94	12	0400	572.46
1	10	SEP	73	573.06	573.02	573.08	573.01	572.88	572.55	572.67	572.91	572.94	572.72								
11	20	SEP	73	572.39	572.67	573.02	572.71	572.58	572.62	572.83	572.29	572.46	572.42								
21	30	SEP	73	572.71	572.92	572.31	572.45	572.84	572.69	572.64	572.41	572.57	572.53	573.13	13	2200	573.73	18	0300	571.89	
1	10	OCT	73	572.68	572.54	572.44	572.46	572.20	572.68	572.52	572.63	572.56	572.59								
11	20	OCT	73	572.59	572.47	571.99	571.73	571.82	571.52	571.82	571.89	572.17	572.13								
21	31	OCT	73	572.30	572.29	572.30	572.20	572.25	572.24	572.17	572.60	572.63	572.85	572.16	572.23	28	0200	574.18	14	0100	570.59
1	10	NOV	73	570.44	572.04	571.74	572.06	571.46	571.16	571.86	571.20	571.33	571.68								
11	20	NOV	73	571.81	571.66	571.77	571.77	571.81	571.36	571.84	571.89	571.93	572.36								
21	30	NOV	73	571.72	572.17	571.93	571.91	572.02	572.04	572.42	572.02	571.52	571.27	571.25	26	2200	572.96	1	1200	569.01	
1	10	DEC	73	572.08	572.41	571.90	572.22	571.59	570.82	572.01	572.21	571.88	571.09								
11	20	DEC	73	571.43	572.03	572.08	571.82	572.19	572.16	571.94	571.89	572.47	571.79								
21	31	DEC	73	571.89	571.37	571.56	571.69	572.54	572.21	572.40	571.62	571.64	571.66	571.62	572.19	26	2000	574.01	6	0200	569.30

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

ANNUAL SUMMARY OF LEVELS
WYANDOTTE, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 574.06 IN 1973

HIGHEST
MONTHLY MEAN ELEVATION 574.69 JUL 1973
DAILY MEAN ELEVATION 575.18 9 APR 1973
INSTANT/HOURLY ELEVATION 576.22 1600 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.30	31	JAN	1973
574.43	5	FEB	1973
574.68	31	MAR	1973
575.18	9	APR	1973
574.67	27	MAY	1973
575.06	17	JUN	1973
574.90	1	JUL	1973
574.60	1	AUG	1973
574.36	3	SEP	1973
574.00	29	OCT	1973
573.61	26	NOV	1973
573.71	19	DEC	1973

LOWEST
MONTHLY MEAN ELEVATION 573.24 NOV 1973
DAILY MEAN ELEVATION 572.54 1 NOV 1973
INSTANT/HOURLY ELEVATION 571.74 1300 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.16	1	JAN	1973
573.47	21	FEB	1973
573.66	18	MAR	1973
574.11	28	APR	1973
573.96	3	MAY	1973
574.32	1	JUN	1973
574.31	28	JUL	1973
574.27	27	AUG	1973
573.73	22	SEP	1973
573.21	16	OCT	1973
572.54	1	NOV	1973
572.55	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
575.20													0
575.00				1		1							2
574.80						1	6						9
574.60			3	3	3	8	19						45
574.40		1	10	21	15	19	4	22					137
574.20	2		3	3	11	1	2	9					174
574.00	1	3	5	2	1				6				193
573.80	10	8	5		1				7				238
573.60	10	12	5						9	12			279
573.40	5	4							2	6	1	5	310
573.20	2									10	5	7	340
573.00	1									3	13	12	350
572.80											6	3	356
572.60											4	2	357
572.40												1	359

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4030

COL

(13)

(20)

(17)

13+7*20

DAILY WATER LEVELS
WYANDOTTE, MI, ON DETROIT RIVER

(83)

(90)

(97)

MONTHLY MEANS

HIGH DAY

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4030

ANNUAL SUMMARY OF LEVELS
FORT WAYNE, DETROIT, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 574.56 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 575.22 JUN 1973
DAILY MEAN ELEVATION 575.54 17 JUN 1973
INSTANT/HOURLY ELEVATION 575.77 1600 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.67	31	JAN	1973
574.83	5	FEB	1973
575.10	21	MAR	1973
575.40	9	APR	1973
575.25	27	MAY	1973
575.54	17	JUN	1973
575.35	2	JUL	1973
575.07	1	AUG	1973
574.81	3	SEP	1973
574.50	1	OCT	1973
574.05	26	NOV	1973
574.18	19	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 573.77 NOV 1973
DAILY MEAN ELEVATION 573.16 6 DEC 1973
INSTANT/HOURLY ELEVATION 572.60 1200 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.75	1	JAN	1973
573.95	21	FEB	1973
574.12	2	MAR	1973
574.59	28	APR	1973
574.45	3	MAY	1973
574.99	1	JUN	1973
574.83	28	JUL	1973
574.78	28	AUG	1973
574.27	22	SEP	1973
573.82	16	OCT	1973
573.24	1	NOV	1973
573.16	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
575.60													0
575.40				1		1							2
575.20					1	15	13						31
575.00			3	3	8	13	15	6					79
574.80		1	13	21	18	1	3	22	1				159
574.60	2	1	2	4	2			3	13				186
574.40	3	4	4	1	2				11	5			216
574.20	12	11	5						5	10			259
574.00	10	7	4							11	3	8	302
573.80	3	4								5	11	14	339
573.60	1										11	5	356
573.40											4	2	362
573.20											1	1	364
573.00												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

DAILY WATER LEVELS

FERT WAYNE, DETROIT, MI. ON DETROIT RIVER

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10 JAN 73	573.75	574.28	574.64	573.87	574.09
11	20 JAN 73	574.28	574.38	574.43	574.32	574.28
21	31 JAN 73	574.23	574.33	574.32	573.87	574.10
1	10 FEB 73	574.35	574.29	574.31	574.40	574.83
11	20 FEB 73	574.60	574.48	574.23	574.16	573.97
21	28 FEB 73	574.27	573.95	573.99	574.08	574.09
1	10 MAR 73	574.15	574.12	574.14	574.14	574.36
11	20 MAR 73	574.59	574.45	574.68	574.85	574.62
21	31 MAR 73	574.67	575.10	574.99	574.93	574.95
1	10 APR 73	575.07	574.89	574.93	574.96	574.86
11	20 APR 73	574.73	574.92	574.89	574.94	574.92
21	30 APR 73	574.91	574.85	574.77	574.88	574.92
1	10 MAY 73	574.95	574.81	574.45	574.60	574.77
11	20 MAY 73	574.84	574.81	574.91	574.96	574.90
21	31 MAY 73	574.92	574.91	574.95	575.02	575.02
1	10 JUN 73	574.99	575.13	575.14	575.08	575.15
11	20 JUN 73	575.17	575.19	575.24	575.24	575.24
21	30 JUN 73	575.22	575.22	575.18	575.16	575.21
1	10 JUL 73	575.35	575.35	575.29	575.25	575.29
11	20 JUL 73	575.26	575.16	574.93	575.07	575.15
21	31 JUL 73	575.15	575.20	575.25	575.24	575.16
1	10 AUG 73	575.07	575.00	575.05	575.03	574.98
11	20 AUG 73	574.88	574.91	575.02	575.03	574.98
21	31 AUG 73	574.93	574.92	575.03	574.94	574.96
1	10 SEP 73	574.80	574.80	574.81	574.77	574.72
11	20 SEP 73	574.46	574.61	574.74	574.65	574.52
21	30 SEP 73	574.57	574.62	574.27	574.33	574.53
1	10 OCT 73	574.50	574.39	574.33	574.34	574.23
11	20 OCT 73	574.39	574.28	574.06	573.91	573.98
21	31 OCT 73	574.20	574.15	574.15	574.10	574.12
1	10 NOV 73	573.24	573.96	573.86	574.02	573.77
11	20 NOV 73	573.74	573.68	573.70	573.70	573.85
21	30 NOV 73	573.77	573.91	573.79	573.81	573.85
1	10 DEC 73	574.02	574.10	573.83	574.00	573.61
11	20 DEC 73	573.52	573.80	573.96	573.84	574.02
21	31 DEC 73	573.85	573.60	573.67	573.76	574.10

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

ANNUAL SUMMARY OF LEVELS
WINDMILL POINT, DETROIT, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 575.44 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 576.04 JUN 1973
DAILY MEAN ELEVATION 576.26 17 JUN 1973
INSTANT/HOURLY ELEVATION 576.76 0800 17 MAR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.43	3	JAN	1973
575.57	5	FEB	1973
576.07	17	MAR	1973
576.16	9	APR	1973
575.98	27	MAY	1973
576.26	17	JUN	1973
576.19	3	JUL	1973
575.96	1	AUG	1973
575.73	3	SEP	1973
575.41	1	OCT	1973
574.96	4	NOV	1973
575.09	31	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 574.75 NOV 1973
DAILY MEAN ELEVATION 574.25 6 DEC 1973
INSTANT/HOURLY ELEVATION 573.84 2300 5 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.78	16	JAN	1973
574.69	15	FEB	1973
574.94	2	MAR	1973
575.50	16	APR	1973
575.41	3	MAY	1973
575.84	1	JUN	1973
575.78	27	JUL	1973
575.68	31	AUG	1973
575.24	22	SEP	1973
574.90	16	OCT	1973
574.46	1	NOV	1973
574.25	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
576.40													0
576.20						2							2
576.00			3	2		20	17						44
575.80			6	4	11	8	12	20					105
575.60			9	21	17		2	11	9				174
575.40	1	2	3	3	3				13	1			200
575.20	6	6	4						8	12			236
575.00	15	5	2							9		2	269
574.80	8	6	4							9	10	16	322
574.60	1	9									18	9	359
574.40											2	2	363
574.20												2	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

DAILY WATER LEVELS

WINDMILL POINT, DETROIT, MI. ON DETROIT RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV, DAY TIME ELEV,				
1	10	JAN	73	574.83	575.21	575.43	574.93	575.12	575.28	575.33	575.32	575.19	575.12				
11	20	JAN	73	575.08	575.09	575.09	575.07	574.93	574.78	574.85	574.94	574.86	574.98				
21	31	JAN	73	575.09	575.08	575.11	574.92	575.07	575.08	575.16	575.19	575.21	575.18	575.05	575.35	14 1000	575.98 4 0400 574.61
1	10	FEB	73	574.94	575.17	575.21	575.28	575.57	575.53	575.39	575.35	575.26	575.23				
11	20	FEB	73	575.16	575.00	574.84	574.77	574.69	574.70	574.79	574.77	574.72	574.74				
21	28	FEB	73	575.02	574.74	574.76	574.85	574.88	574.99	575.04	575.06	575.01			6 0200	575.65 15 1600 574.60	
1	10	MAR	73	574.96	574.94	574.97	574.98	575.09	575.14	575.22	575.30	575.38	575.40				
11	20	MAR	73	575.42	575.44	575.61	575.72	575.55	575.87	576.07	575.68	575.94	576.03				
21	31	MAR	73	575.57	576.00	575.89	575.81	575.78	575.79	575.84	575.80	575.77	575.73	575.76	575.86	17 0800	576.76 2 2100 574.98
1	10	APR	73	575.86	575.77	575.82	575.87	575.76	575.70	575.88	576.00	576.16	575.67				
11	20	APR	73	575.62	575.76	575.73	575.71	575.69	575.50	575.64	575.69	575.71	575.70				
21	30	APR	73	575.74	575.62	575.56	575.71	575.74	575.77	575.74	575.79	575.56	575.67	575.74		9 1500	576.72 16 1500 575.19
1	10	MAY	73	575.69	575.56	575.41	575.55	575.65	575.72	575.78	575.80	575.74	575.81				
11	20	MAY	73	575.73	575.75	575.80	575.82	575.78	575.62	575.78	575.80	575.81	575.78				
21	31	MAY	73	575.76	575.76	575.78	575.82	575.84	575.84	575.84	575.98	575.84	575.88	575.89	575.80	27 1700	576.21 3 1700 575.86
1	10	JUN	73	575.84	575.93	575.95	575.90	575.95	576.00	576.00	575.97	576.00	576.08				
11	20	JUN	73	575.98	576.05	576.05	576.05	576.02	576.10	576.26	576.16	576.12	576.06				
21	30	JUN	73	576.04	576.04	576.05	575.99	576.06	576.10	576.04	576.09	576.17	576.19	576.21		17 0300	576.42 1 1400 575.63
1	10	JUL	73	576.18	576.19	576.19	576.13	576.13	576.10	576.06	576.08	576.09	576.08				
11	20	JUL	73	576.12	575.99	575.84	575.96	576.02	576.00	575.98	575.97	575.92	575.98				
21	31	JUL	73	576.01	576.03	576.06	576.05	576.01	575.92	575.91	575.78	575.79	575.88	575.84	575.90	2 2200	576.35 27 2400 575.55
1	10	AUG	73	575.96	575.94	575.92	575.92	575.87	575.82	575.81	575.79	575.76	575.82				
11	20	AUG	73	575.78	575.84	575.86	575.92	575.90	575.84	575.87	575.82	575.83	575.78				
21	31	AUG	73	575.82	575.87	575.90	575.84	575.85	575.80	575.75	575.71	575.72	575.70	575.68	575.68	1 1900	576.04 9 1700 575.80
1	10	SEP	73	575.70	575.71	575.73	575.68	575.65	575.56	575.59	575.66	575.69	575.56				
11	20	SEP	73	575.51	575.56	575.63	575.62	575.48	575.49	575.52	575.44	575.35	575.43				
21	30	SEP	73	575.50	575.49	575.24	575.29	575.39	575.37	575.29	575.25	575.31	575.41	575.52		14 0100	575.86 27 0800 575.02
1	10	OCT	73	575.41	575.29	575.25	575.26	575.21	575.29	575.30	575.32	575.29	575.27				
11	20	OCT	73	575.26	575.17	575.00	574.94	575.00	574.90	574.98	575.02	574.98	575.06				
21	31	OCT	73	575.13	575.07	575.06	575.02	575.02	574.91	574.95	575.11	575.30	575.25	575.10	574.98	28 0100	575.62 14 0300 574.67
1	10	NOV	73	574.46	574.90	574.89	574.96	574.85	574.69	574.81	574.59	574.69	574.74				
11	20	NOV	73	574.66	574.64	574.64	574.65	574.80	574.71	574.72	574.75	574.79	574.88				
21	30	NOV	73	574.75	574.75	574.70	574.74	574.75	574.85	574.90	574.84	574.85	574.64	574.71		28 0600	575.11 1 1100 573.98
1	10	DEC	73	574.98	574.93	574.78	574.90	574.50	574.25	574.69	574.80	574.75	574.36				
11	20	DEC	73	574.52	574.66	574.89	574.83	574.96	574.95	574.86	574.82	575.02	574.77				
21	31	DEC	73	574.80	574.73	574.69	574.78	574.87	574.87	574.98	574.90	574.86	574.92	574.90	575.09	26 2300	575.15 5 2300 573.84

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

ANNUAL SUMMARY OF LEVELS
ST. CLAIR SHORES, MI. ON LAKE ST. CLAIR

YEARLY MEAN ELEVATION 575.65 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 576.23 JUN 1973
DAILY MEAN ELEVATION 576.41 30 JUN 1973
INSTANT/HOURLY ELEVATION 576.58 2400 16 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.65	3	JAN	1973
575.79	5	FEB	1973
576.18	20	MAR	1973
576.25	9	APR	1973
576.16	27	MAY	1973
576.41	30	JUN	1973
576.39	1	JUL	1973
576.17	1	AUG	1973
575.92	3	SEP	1973
575.62	1	OCT	1973
575.18	4	NOV	1973
575.37	31	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 574.99 NOV 1973
DAILY MEAN ELEVATION 574.69 6 DEC 1973
INSTANT/HOURLY ELEVATION 574.42 1200 1 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.14	19	JAN	1973
574.99	20	FEB	1973
575.14	3	MAR	1973
575.74	28	APR	1973
575.70	3	MAY	1973
576.06	1	JUN	1973
576.05	28	JUL	1973
575.91	31	AUG	1973
575.47	27	SEP	1973
575.14	16	OCT	1973
574.85	1	NOV	1973
574.69	6	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
576.60													0
576.40						2							2
576.20				1		16	14						33
576.00			7	5	11	12	17	23					108
575.80			12	21	18			8					175
575.60	1	4	2	3	2				13	1			201
575.40	10	7	4						9	11			242
575.20	17	4	2							16			289
575.00	3	10	4							3	11	14	334
574.80		3									19	6	362
574.60												3	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4052

DAILY WATER LEVELS

ST. CLAIR SHORES, MI. ON LAKE ST. CLAIR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.				
1	10	JAN	73	575.18	575.43	575.65	575.32	575.35	575.48	575.56	575.59	575.50	575.46				
11	20	JAN	73	575.41	575.41	575.35	575.26	575.25	575.24	575.22	575.21	575.14	575.16				
21	31	JAN	73	575.36	575.33	575.42	575.27	575.32	575.34	575.38	575.38	575.33	575.31	575.33	575.55	3 2200	575.90 20 0300 574.97
1	10	FEB	73	575.52	575.56	575.56	575.65	575.79	575.76	575.66	575.55	575.54	575.45				
11	20	FEB	73	575.41	575.23	575.09	575.02	575.00	575.01	575.01	575.03	574.99	574.99				
21	28	FEB	73	575.29	575.01	575.08	575.12	575.12	575.18	575.26	575.28	575.26		6 0600	575.86	17 0800 574.96	
1	10	MAR	73	575.19	575.16	575.14	575.15	575.29	575.37	575.47	575.49	575.54	575.57				
11	20	MAR	73	575.63	575.68	575.82	575.92	575.84	576.01	576.01	575.91	576.12	576.18				
21	31	MAR	73	575.75	576.13	576.04	575.97	575.93	575.93	575.95	575.94	575.95	575.91	575.94	576.01	17 0900	576.45 4 1000 575.13
1	10	APR	73	576.03	575.98	576.01	576.01	575.95	575.93	576.02	576.07	576.25	575.88				
11	20	APR	73	575.82	575.92	575.89	575.91	575.89	575.80	575.86	575.86	575.87	575.86				
21	30	APR	73	575.91	575.82	575.80	575.89	575.90	575.93	575.89	575.88	575.74	575.84	575.93	9 1400	576.56	16 2200 575.48
1	10	MAY	73	575.91	575.83	575.70	575.74	575.81	575.91	575.95	576.01	575.96	576.02				
11	20	MAY	73	575.95	575.96	576.00	576.01	575.98	575.88	575.94	575.98	575.98	575.97				
21	31	MAY	73	575.96	575.95	575.95	576.00	576.01	576.03	576.02	576.14	576.02	576.05	576.06	576.02	27 2000	576.31 3 1600 575.56
1	10	JUN	73	576.06	576.10	576.14	576.11	576.14	576.18	576.20	576.20	576.18	576.19				
11	20	JUN	73	576.17	576.21	576.23	576.22	576.22	576.25	576.39	576.32	576.30	576.27				
21	30	JUN	73	576.23	576.25	576.22	576.20	576.23	576.26	576.25	576.31	576.39	576.41	576.41	16 2400	576.58	24 1800 575.93
1	10	JUL	73	576.39	576.36	576.36	576.31	576.31	576.30	576.26	576.24	576.25	576.24				
11	20	JUL	73	576.26	576.23	576.11	576.16	576.19	576.18	576.15	576.14	576.12	576.16				
21	31	JUL	73	576.20	576.20	576.21	576.22	576.19	576.14	576.15	576.06	576.05	576.09	576.08	576.14	2 2200	576.44 28 0100 575.92
1	10	AUG	73	576.17	576.15	576.13	576.13	576.10	576.07	576.04	576.03	576.01	576.05				
11	20	AUG	73	576.03	576.06	576.08	576.08	576.07	576.06	576.07	576.04	576.05	575.97				
21	31	AUG	73	576.03	576.01	576.08	576.04	576.03	575.97	575.95	575.92	575.92	575.92	575.92	575.91	9 1900	576.26 9 1700 575.79
1	10	SEP	73	575.91	575.91	575.92	575.89	575.86	575.78	575.76	575.86	575.87	575.78				
11	20	SEP	73	575.72	575.76	575.82	575.79	575.68	575.67	575.77	575.64	575.60	575.62				
21	30	SEP	73	575.70	575.67	575.49	575.49	575.58	575.57	575.50	575.47	575.51	575.59	575.67	2 1800	575.98	22 1400 575.32
1	10	OCT	73	575.62	575.53	575.49	575.48	575.40	575.52	575.52	575.51	575.49	575.49				
11	20	OCT	73	575.47	575.43	575.31	575.23	575.24	575.14	575.23	575.25	575.27	575.24				
21	31	OCT	73	575.35	575.29	575.29	575.27	575.25	575.18	575.16	575.31	575.44	575.35	575.26	575.23	28 0100	575.78 13 2400 574.91
1	10	NOV	73	574.85	575.11	575.11	575.18	575.06	574.98	575.07	574.88	574.90	574.95				
11	20	NOV	73	574.95	574.92	574.90	574.88	574.98	574.91	574.95	574.99	575.00	575.09				
21	30	NOV	73	574.99	575.04	574.96	574.96	575.00	575.04	575.11	575.06	575.02	574.95	575.00	21 1000	575.27	1 1200 574.42
1	10	DEC	73	575.18	575.21	575.04	575.13	574.88	574.69	574.89	574.99	574.98	574.75				
11	20	DEC	73	574.80	574.89	575.02	574.96	575.12	575.09	575.01	575.06	575.18	575.09				
21	31	DEC	73	575.07	575.09	575.14	575.07	575.15	575.21	575.24	575.29	575.25	575.24	575.24	575.37	31 1600	575.39 5 2200 574.48

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4052

ANNUAL SUMMARY OF LEVELS
MINNICH'S DOCK, HARSENS IS. MI, ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 575.51 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 576.34 JUL 1973
DAILY MEAN ELEVATION 576.55 29 JUN 1973
INSTANT/HOURLY ELEVATION 576.64 1400 28 JUN 1973

LOWEST

MONTHLY MEAN ELEVATION 574.99 MAY 1973
DAILY MEAN ELEVATION 574.71 8 JUN 1973
INSTANT/HOURLY ELEVATION 574.62 1900 7 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.72	21	JAN	1973
575.80	14	FEB	1973
575.75	4	MAR	1973
575.13	20	APR	1973
575.13	5	MAY	1973
576.55	29	JUN	1973
576.48	1	JUL	1973
576.29	1	AUG	1973
576.07	1	SEP	1973
575.70	2	OCT	1973
575.53	1	NOV	1973
575.45	5	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.30	3	JAN	1973
575.22	9	FEB	1973
574.78	18	MAR	1973
574.95	2	APR	1973
574.90	31	MAY	1973
574.71	8	JUN	1973
576.25	29	JUL	1973
576.07	30	AUG	1973
575.60	27	SEP	1973
575.24	29	OCT	1973
575.04	14	NOV	1973
574.98	13	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
576.60													0
576.40						4	8						12
576.20						6	23	11 20					62
576.00									6				78
575.80									11				89
575.60	5	15	5						12	7			133
575.40	10	5	5						1	14	2	1	171
575.20	3	8	1							10	10	8	211
575.00			13	20	12						18	12	286
574.80			6	8	19	4						1	324
574.60			1			8							333

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4058

DAILY WATER LEVELS

MINNICH'S DUCK, HARSENS IS. MI. ON ST. CLAIR RIVER

		MONTHLY												HIGH		INSTANT/HOURLY		LOW					
DAY	MONTH	MEANS												DAY	TIME	ELEV.	DAY	TIME	ELEV.				
1	10	JAN	73	575.40	575.33	575.30	575.50	575.42	575.46														
11	20	JAN	73											575.66									
21	31	JAN	73	575.54	575.72	575.55	575.49	575.59	575.57	575.60	575.62	575.71	575.67	575.54	575.55	29	0200	575.95	2	2400	574.95		
1	10	FEB	73	575.45	575.39	575.36	575.28	575.33	575.25	575.32	575.43	575.22	575.37										
11	20	FEB	73	575.49	575.67	575.76	575.80	575.77	575.70	575.69	575.75	575.78	575.76										
21	28	FEB	73	575.56	575.70	575.70	575.67	575.64	575.62	575.57	575.57	575.61	14 1700 575.82 9 1900 575.09										
1	10	MAR	73	575.69	575.74	575.74	575.75	575.68	575.60	575.48	575.48	575.46	575.41										
11	20	MAR	73	575.26	575.14	575.16	575.09	574.94	575.06	575.13	574.78	574.81	574.87										
21	31	MAR	73	575.22	574.92	574.96	575.00	575.05	575.07	575.12	575.06	575.05	575.07	575.04	575.06	5	0100	575.80	17	2100	574.66		
1	10	APR	73	574.97	574.95	574.96	575.02	574.98	574.97	575.04	575.07	574.96	574.96										
11	20	APR	73	575.05	575.11	575.09	575.06	575.07	574.99	575.11	575.12	575.12	575.13										
21	30	APR	73	575.05	575.12	575.03	575.04	575.09	575.10	575.12 575.11 575.08				28	1900	575.18	16	1500	574.70				
1	10	MAY	73	575.02	574.97	574.93	575.12	575.13	575.08	575.05	574.98	574.95	574.93										
11	20	MAY	73	574.92	574.94	574.98	574.97	574.97	574.93	575.02	575.01	575.01	575.03										
21	31	MAY	73	574.99	575.03	575.04	575.01	574.99	574.98	574.99	574.97	574.93	574.99	574.96	574.90	5	0300	575.21	16	1000	574.71		
1	10	JUN	73	574.90	574.90	574.86	574.84	574.80	574.79	574.75	574.71	574.76	574.77										
11	20	JUN	73	574.76	574.78																		
21	30	JUN	73	575.54	576.36	576.35	576.34	576.33	576.35	576.39	576.46	576.52	576.55	576.51	28	1400	576.64	7	1900	574.62			
1	10	JUL	73	576.48	576.47	576.46	576.44	576.41	576.40	576.40	576.38	576.34	576.34										
11	20	JUL	73	576.33	576.39	576.40	576.31	576.27	576.28	576.28	576.27	576.27	576.26										
21	31	JUL	73	576.34	576.28	576.30	576.31	576.30	576.28	576.33	576.36	576.31	576.25	576.26	576.28	27	1900	576.59	20	1100	576.16		
1	10	AUG	73	576.29	576.28	576.27	576.27	576.26	576.25	576.22	576.22	576.23	576.24										
11	20	AUG	73	576.27	576.20	576.20	576.16	576.16	576.19	576.19	576.18	576.17	576.14										
21	31	AUG	73	576.19	576.13	576.20	576.19	576.17	576.15	576.14	576.11	576.07	576.07	576.07	576.08	9	2000	576.42	31	1400	576.04		
1	10	SEP	73	576.07	576.06	576.04	576.05	576.04	576.03	575.99	575.95	575.97	575.99										
11	20	SEP	73	575.94	575.89	575.89	575.84	575.86	575.80	575.82	575.80	575.87	575.74										
21	30	SEP	73	575.84	575.72	575.76	575.67	575.65	575.66	575.63	575.60	575.62	575.66	575.68	1	1900	576.10	27	2100	575.50			
1	10	OCT	73	575.68	575.70	575.65	575.63	575.59	575.62	575.62	575.60	575.60	575.59										
11	20	OCT	73	575.57	575.58	575.66	575.56	575.50	575.49	575.48	575.44	575.52	575.38										
21	31	OCT	73	575.50	575.41	575.40	575.39	575.37	575.40	575.32	575.32	575.31	575.24	575.35	575.47	2	1800	575.91	29	1400	575.11		
1	10	NOV	73	575.53	575.29	575.32	575.34	575.35	575.32	575.33	575.33	575.18	575.16										
11	20	NOV	73	575.28	575.20	575.13	575.04	575.08	575.13	575.20	575.18	575.12	575.11										
21	30	NOV	73	575.22	575.25	575.15	575.09	575.17	575.10	575.15	575.16	575.20	575.41	575.32	29	2200	575.76	15	0100	574.91			
1	10	DEC	73	575.25	575.34	575.30	575.22	575.45	575.28	575.02	575.08	575.13	575.26										
11	20	DEC	73	575.07	575.05	574.98	575.06	575.10	575.06	575.11	575.19	575.18	575.16										
21	31	DEC	73	575.18	575.29	575.35											5	2300	575.75	13	2200	574.89	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4050

AUG

576.20

III

III I

21-39

III III II

701-19

576.20

14

11

576.00

17

20

DOWN

ANNUAL SUMMARY OF LEVELS
ST. CLAIR FLATS, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 575.69 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 576.25 JUN 1973
DAILY MEAN ELEVATION 576.45 29 JUN 1973
INSTANT/HOURLY ELEVATION 576.89 1705 26 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.69	4	JAN	1973
575.75	6	FEB	1973
576.19	19	MAR	1973
576.05	9	APR	1973
576.05	31	MAY	1973
576.45	29	JUN	1973
576.40	1	JUL	1973
576.17	3	AUG	1973
575.96	1	SEP	1973
575.58	2	OCT	1973
575.34	1	NOV	1973
575.40	31	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 575.09 NOV 1973
DAILY MEAN ELEVATION 574.90 11 DEC 1973
INSTANT/HOURLY ELEVATION 574.55 2255 29 NOV 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.18	20	JAN	1973
575.03	19	FEB	1973
575.21	3	MAR	1973
575.81	27	APR	1973
575.83	4	MAY	1973
576.09	1	JUN	1973
576.10	30	JUL	1973
575.96	31	AUG	1973
575.50	28	SEP	1973
575.20	29	OCT	1973
574.92	14	NOV	1973
574.90	11	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
576.60													0
576.40						3	1						4
576.20						22	14						40
576.00			5	4	9	5	14	26					105
575.80			15	26	22			5	13				186
575.60	3	7	2						9				207
575.40	13	4	3						8	13			248
575.20	14	5	6							14	6	5	300
575.00	1	12								1	19	9	342
574.80											5	8	355

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

57 lines

DAILY WATER LEVELS

ST. CLAIR FLATS, MI. ON ST. CLAIR RIVER

													HIGH INSTANT/HOURLY LOW						
DAY	MONTH	MONTHLY MEANS											DAY TIME	ELEV.	DAY TIME	ELEV.			
1	10	JAN 73	575.62	575.54	575.58	575.69	575.54	575.54	575.59	575.62	575.58	575.51							
11	20	JAN 73	575.46	575.47	575.40	575.30	575.29	575.29	575.28	575.25	575.24	575.18							
21	31	JAN 73	575.42	575.29	575.46	575.42	575.38	575.40	575.38	575.36	575.30	575.34	575.41	575.44	4	0337	576.29	19 0910	575.07
1	10	FEB 73	575.54	575.60	575.64	575.70	575.69	575.75	575.69	575.62	575.65	575.53							
11	20	FEB 73	575.43	575.26	575.14	575.07	575.05	575.10	575.13	575.07	575.03	575.05							
21	28	FEB 73	575.34	575.10	575.08	575.13	575.20	575.27	575.33	575.35	575.32				4	0406	575.91	15 1515	574.96
1	10	MAR 73	575.25	575.21	575.21	575.22	575.32	575.39	575.49	575.52	575.55	575.61							
11	20	MAR 73	575.72	575.82	575.83	575.89	576.00	575.96	575.98	576.19	576.19	576.14							
21	31	MAR 73	575.78	576.09	576.04	576.00	575.94	575.92	575.89	575.94	575.93	575.91	575.94	575.95	15	1233	576.48	3 1000	575.18
1	10	APR 73	576.01	576.03	576.01	575.97	575.98	576.00	575.95	575.95	576.05	575.99							
11	20	APR 73	575.90	575.88	575.88	575.90	575.89	575.91	575.86	575.88	575.87	575.85							
21	30	APR 73	575.91	575.84	575.90	575.90	575.88	575.87	575.83	575.81	575.84	575.87	575.90		10	0015	576.45	29 1550	575.50
1	10	MAY 73	575.94	575.95	575.98	575.83	575.86	575.90	575.92	575.99	576.01	576.02							
11	20	MAY 73	576.04	576.03	576.01	576.00	575.97	575.98	575.95	575.94	575.93	575.94							
21	31	MAY 73	575.97	575.93	575.92	575.97	575.99	575.98	575.98	575.99	576.01	576.01	576.03	576.05	11	2200	576.18	20 1515	575.68
1	10	JUN 73	576.09	576.12	576.14	576.14	576.19	576.21	576.23	576.25	576.23	576.23							
11	20	JUN 73	576.22	576.21	576.21	576.23	576.23	576.23	576.31	576.32	576.33	576.30							
21	30	JUN 73	576.25	576.28	576.26	576.25	576.24	576.26	576.28	576.34	576.41	576.45	576.41		26	1705	576.89	2 1800	575.81
1	10	JUL 73	576.40	576.37	576.37	576.34	576.32	576.32	576.31	576.30	576.27	576.25							
11	20	JUL 73	576.25	576.30	576.30	576.22	576.19	576.18	576.18	576.16	576.14	576.14							
21	31	JUL 73	576.23	576.18	576.20	576.19	576.17	576.14	576.19	576.21	576.16	576.10	576.10	576.14	2	1900	576.53	28 0100	575.97
1	10	AUG 73	576.16	576.17	576.17	576.16	576.15	576.12	576.11	576.10	576.10	576.12							
11	20	AUG 73	576.15	576.11	576.10	576.07	576.06	576.10	576.10	576.09	576.09	576.05							
21	31	AUG 73	576.08	576.05	576.11	576.10	576.07	576.05	576.04	576.00	575.97	575.96	575.96	575.96	9	1840	576.36	9 1720	575.82
1-10	SEP 73	575.96	575.95	575.95	575.92	575.91	575.90	575.87	575.85	575.86	575.87								
11-20	SEP 73	575.81	575.82	575.81	575.77	575.76	575.71	575.73	575.71	575.77	575.62								
21-30	SEP 73	575.74	575.61	575.63	575.57	575.55	575.55	575.52	575.51	575.50	575.55	575.57			6	1800	576.01	28 1600	575.39
1	10	OCT 73	575.57	575.58	575.55	575.53	575.49	575.52	575.52	575.51	575.49	575.48							
11	20	OCT 73	575.46	575.45	575.51	575.40	575.36	575.33	575.30	575.28	575.30	575.31							
21	31	OCT 73	575.38	575.23	575.23	575.25	575.26	575.21	575.22	575.26	575.20	575.27	575.36	13	1755	576.16	20 1816	575.04	
1	10	NOV 73	575.34	575.19	575.22	575.26	575.24	575.19	575.22	575.18	575.07	575.06							
11	20	NOV 73	575.12	575.04	574.99	574.92	574.97	575.02	575.04	575.04	575.00	575.02							
21	30	NOV 73	575.09	575.09	575.01	574.97	575.04	575.01	575.04	575.04	575.08	575.23	575.16		29	2200	575.83	29 2255	574.55
1	10	DEC 73	575.15	575.22	575.14	575.10	575.14	574.94	574.97	575.00	574.91								
11	20	DEC 73	574.90	574.94	574.94	575.01	575.05	574.96	575.05	575.12	575.09								
21	31	DEC 73	575.10						575.36	575.40	575.38	575.40	29	2300	575.52	10 1000	574.80		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

126 ch.

ANNUAL SUMMARY OF LEVELS
ALGONAC, MI. ON ST CLAIR RIVER

YEARLY MEAN ELEVATION 576.23 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 576.70 JUN 1973
DAILY MEAN ELEVATION 577.17 10 FEB 1973
INSTANT/HOURLY ELEVATION 577.36 1000 10 FEB 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
576.73	12	JAN	1973
577.17	10	FEB	1973
576.72	18	MAR	1973
576.47	2	APR	1973
576.56	31	MAY	1973
576.90	29	JUN	1973
576.80	1	JUL	1973
576.68	11	AUG	1973
576.46	1	SEP	1973
576.14	2	OCT	1973
576.02	1	NOV	1973
576.25	23	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 575.66 NOV 1973
DAILY MEAN ELEVATION 575.45 13 DEC 1973
INSTANT/HOURLY ELEVATION 574.78 1450 12 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.68	21	JAN	1973
575.91	1	FEB	1973
575.68	4	MAR	1973
576.25	27	APR	1973
576.33	5	MAY	1973
576.54	2	JUN	1973
576.59	20	JUL	1973
576.45	29	AUG	1973
576.07	25	SEP	1973
575.69	29	OCT	1973
575.50	20	NOV	1973
575.45	13	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
577.20													0
577.00		1											1
576.80						4							5
576.60	1	1	2			22	28	15					74
576.40	1	3	7	10	23	4	3	16	7				148
576.20	4	1	11	20	8				13			1	206
576.00	10	18	1						10	12	1	1	259
575.80	8	1	5							14	1	7	295
575.60	7		5							5	13	8	333
575.40											15	14	362

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

DAILY WATER LEVELS
ALGONAC, MI, ON ST CLAIR RIVER

DAY	MONTH	MONTHLY MEANS												HIGH DAY TIME		INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME	
1	10	JAN	73		576.16	576.01	576.02	576.27	576.08	576.02	576.06	576.09	576.13	576.05					
11	20	JAN	73		576.36	576.73	576.44	576.35	576.31	576.04	575.91	575.72	575.74	575.70					
21	31	JAN	73	576.01	575.68	575.84	575.95	575.87	575.85	575.82	575.80	575.78	575.77	575.91	575.87	12 1900	576.98	20 1800 575.66	
1	10	FEB	73		575.91	576.01	576.11	576.18	576.08	576.16	576.14	576.09	576.62	577.17					
11	20	FEB	73		576.52	576.19	576.19	576.24	576.50	576.54				576.14					
21	28	FEB	73	576.23	576.19	576.18	576.14	576.12	576.06	576.10	576.13	576.05			10 1000	577.36	1 0800 575.84		
1	10	MAR	73		575.89	575.74	575.68	575.68	575.70	575.78	575.88	575.94	575.96	576.00					
11	20	MAR	73		576.12	576.29	576.25	576.30	576.46	576.38	576.46	576.72	576.60	576.61					
21	31	MAR	73	576.22	576.53	576.47	576.45	576.42	576.35	576.33	576.37	576.36	576.37	576.40	576.35	17 2045	576.97	5 0700 575.42	
1	10	APR	73		576.44	576.47	576.46	576.42	576.43	576.45	576.39	576.37	576.43	576.42					
11	20	APR	73		576.38	576.33	576.36	576.38	576.34	576.43	576.34	576.33	576.32	576.29					
21	30	APR	73	576.37	576.31	576.42	576.40	576.32	576.29	576.26	576.25	576.33	576.30	576.31		16 1528	576.78	20 2300 576.06	
1	10	MAY	73		576.36	576.43	576.54	576.34	576.33	576.35	576.35	576.41	576.48	576.51					
11	20	MAY	73		576.53	576.52	576.48	576.47	576.45	576.52	576.43	576.43	576.42	576.40					
21	31	MAY	73	576.44	576.40	576.39	576.43	576.45	576.44	576.44	576.43	576.48	576.50	576.50	576.56	16 1342	576.94	1 0128 576.12	
1	10	JUN	73		576.56	576.54	576.55	576.60	576.63	576.65	576.68	576.71	576.69	576.66					
11	20	JUN	73		576.68	576.68	576.67	576.68	576.68	576.69	576.73	576.73	576.74	576.74					
21	30	JUN	73	576.70	576.72	576.70	576.69	576.69	576.70	576.74	576.82	576.88	576.90	576.86		28 0910	577.11	1 2040 576.40	
1	10	JUL	73		576.80	576.77	576.78	576.75	576.73	576.70	576.71	576.70	576.69	576.70					
11	20	JUL	73		576.70	576.74	576.77	576.68	576.64	576.65	576.61	576.60	576.60	576.59					
21	31	JUL	73	576.68	576.62	576.63	576.64	576.63	576.63	576.69	576.71	576.70	576.61	576.62	576.64	2 2310	576.99	20 1100 576.48	
1	10	AUG	73		576.68	576.68	576.67	576.66	576.65	576.63	576.62	576.61	576.64	576.65					
11	20	AUG	73		576.68	576.64	576.63	576.61	576.60	576.61	576.59	576.58	576.57	576.57					
21	31	AUG	73	576.59	576.57	576.58	576.56	576.54	576.51	576.50	576.48	576.47	576.45	576.46	576.47	9 1700	576.83	30 2210 576.30	
1	10	SEP	73		576.46	576.43	576.43	576.43	576.45	576.45	576.42	576.37	576.38	576.38					
11	20	SEP	73		576.35	576.32	576.29	576.25	576.27	576.26	576.26	576.26	576.31	576.22					
21	30	SEP	73	576.27	576.17	576.20	576.12	576.08	576.07	576.08	576.10	576.09	576.12	576.11		6 1535	576.55	27 2317 575.86	
1	10	OCT	73		576.12	576.14	576.07	576.04	576.03	576.03	576.02	576.02	576.03	576.02					
11	20	OCT	73		575.99	576.00	576.13	576.02	575.98	575.99	575.91	575.85	575.90	575.82					
21	31	OCT	73	575.93	575.81	575.81	575.81	575.80	575.81	575.78	575.75	575.71	575.69	575.82	575.92	13 2300	576.56	29 1637 575.54	
1	10	NOV	73		576.02	575.74	575.79	575.78	575.79	575.80	575.77	575.79	575.65	575.60					
11	20	NOV	73		575.68	575.61	575.57	575.51	575.57	575.59	575.62	575.58	575.53	575.50					
21	30	NOV	73	575.66	575.58	575.55	575.52	575.59	575.54	575.56	575.56	575.66	575.88	575.79		29 2100	576.31	15 0100 575.36	
1	10	DEC	73		575.60	575.70	575.70	575.64	575.85	575.74	575.48	575.52	575.55	575.70					
11	20	DEC	73		575.53	575.48	575.45	575.54	575.50	575.48	575.56	575.58	575.49	575.57					
21	31	DEC	73	575.69	575.75	576.01	576.25	575.83	575.66	575.70	575.92	575.91	575.86	575.91	575.84	23 1150	576.44	12 1450 574.78	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

ANNUAL SUMMARY OF LEVELS
ST. CLAIR S.P. ST. CLAIR MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 577.74 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 578.20 JUL 1973
DAILY MEAN ELEVATION 578.61 12 FEB 1973
INSTANT/HOURLY ELEVATION 579.00 1900 30 MAY 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.96	12	JAN	1973
578.61	12	FEB	1973
578.32	17	MAR	1973
577.88	28	APR	1973
578.07	31	MAY	1973
578.32	30	JUN	1973
578.32	11	JUL	1973
578.36	21	AUG	1973
578.14	6	SEP	1973
577.82	16	OCT	1973
577.60	6	NOV	1973
577.68	23	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 577.21 DEC 1973
DAILY MEAN ELEVATION 576.88 25 DEC 1973
INSTANT/HOURLY ELEVATION 576.73 1100 25 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.08	18	JAN	1973
577.03	1	FEB	1973
577.07	3	MAR	1973
577.63	21	APR	1973
577.66	1	MAY	1973
577.99	3	JUN	1973
578.09	30	JUL	1973
578.02	30	AUG	1973
577.54	25	SEP	1973
577.21	28	OCT	1973
576.92	21	NOV	1973
576.88	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
578.80													0
578.60		1											1
578.40		3											4
578.20		3	2			4	15	5					33
578.00		1	1		3	23	16	26	10				113
577.80	1	3	1	9	23	1			8	1			160
577.60	4	2	12	13	4				8	13		1	217
577.40	10	9	4						2	12	11	2	267
577.20	11	5	4							5	6	11	309
577.00	5	1	7								12	16	350
576.80											1	1	352

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

DAILY WATER LEVELS

ST. CLAIR S.P. ST. CLAIR MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.				
1	10 JAN 73	577.54	577.52	577.34	577.43	577.56	577.56	577.45	577.43	577.45	577.37									
11	20 JAN 73	577.67	577.96	577.79	577.80	577.68	577.31	577.27	577.08	577.17	577.36									
21	31 JAN 73	577.42	577.16	577.15	577.34	577.33	577.28	577.29	577.24	577.42	577.44	577.35	577.19	12	1700	578.22	19	1100	576.88	
1	10 FEB 73	577.03	577.32	577.56	577.56	577.45	577.42	577.49	577.58	577.83	578.27									
11	20 FEB 73	578.43	578.61	578.43	578.27	578.38	578.46	578.14	577.92	577.86	577.76									
21	28 FEB 73	577.76	577.66	577.53	577.44	577.48	577.37	577.38	577.36	577.26			11	1500	578.79		1	0800	576.88	
1	10 MAR 73	577.15	577.12	577.07	577.15	577.12	577.17	577.18	577.35	577.38	577.35									
11	20 MAR 73	577.35	577.59	577.55	577.51	577.60	577.76	578.32	578.28	578.01	577.86									
21	31 MAR 73	577.57	577.79	577.76	577.69	577.65	577.68	577.75	577.68	577.63	577.67	577.71	577.71	17	1200	578.71		3	1500	577.03
1	10 APR 73	577.76	577.85	577.85	577.83	577.83	577.81	577.78	577.84											
11	20 APR 73							577.74	577.69	577.64	577.63									
21	30 APR 73	577.78	577.63	577.75	577.84	577.78	577.76	577.77	577.87	577.88	577.80	577.73		22	1400	578.08		20	2200	577.46
1	10 MAY 73	577.66	577.76	577.93	577.89	577.86	577.81	577.75	577.77	577.90	577.92									
11	20 MAY 73	577.98	578.00	577.98	577.96	577.91	577.95	577.94	577.89	577.88										
21	31 MAY 73	577.90	577.86	577.85	577.89	577.92	577.86	577.91	577.87	577.89	578.01	578.06	578.07	30	1900	579.00		2	1100	577.48
1	10 JUN 73	578.06	578.03	577.99	578.05	578.06	578.11	578.14	578.11	578.19	578.11									
11	20 JUN 73	578.14	578.18	578.19	578.18	578.15	578.21	578.16	578.18	578.16	578.17									
21	30 JUN 73	578.16	578.20	578.20		578.18	578.13	578.18	578.28	578.30	578.32		12	0900	578.42		3	1800	577.84	
1	10 JUL 73	578.28	578.25	578.32	578.32	578.30	578.26	578.25	578.26	578.25	578.25									
11	20 JUL 73	578.32	578.23	578.23	578.24	578.20	578.20	578.16	578.13	578.09	578.14									
21	31 JUL 73	578.20	578.18	578.19	578.15	578.10	578.10	578.12	578.14	578.21	578.15	578.09	578.12	11	0100	578.51		30	0800	577.93
1	10 AUG 73	578.15	578.25	578.22	578.20	578.12	578.15	578.10	578.08	578.15	578.19									
11	20 AUG 73	578.21	578.19	578.17	578.17	578.20	578.14	578.11	578.13	578.10	578.23									
21	31 AUG 73	578.14	578.36	578.17	578.14	578.10	578.06	578.07	578.04	578.08	578.04	578.02	578.03	2	1000	578.80		5	1400	577.87
1	10 SEP 73	578.02	578.03	578.03	578.00	578.09	578.14	578.12	578.08	578.04	578.00									
11	20 SEP 73	578.09	578.02	577.94	577.90			577.89	577.91	577.84	577.87									
21	30 SEP 73	577.88	577.66	577.61	577.78	577.66	577.54	577.57	577.65	577.68	577.75	577.67		6	1700	578.29		22	0500	577.06
1	10 OCT 73	577.63	577.61	577.68	577.67	577.73	577.68	577.64	577.62	577.58	577.54									
11	20 OCT 73	577.51	577.51	577.66	577.67	577.69	577.82	577.71	577.64	577.54	577.57									
21	31 OCT 73	577.55	577.47	577.44	577.44	577.35	577.32	577.46	577.39	577.21	577.30	577.50	577.48	13	2300	578.62		28	1800	577.14
1	10 NOV 73	577.55	577.49	577.56	577.52	577.49	577.60	577.41	577.42	577.47	577.30									
11	20 NOV 73	577.22	577.17	577.13	577.10	577.28	577.28	577.25	577.17	577.14	577.04									
21	30 NOV 73	577.28	576.92	577.09	577.13	577.10	577.16	577.07	577.09	577.34	577.45	577.46		30	1700	578.00		22	0400	576.80
1	10 DEC 73	577.27	577.07	577.14	577.22	577.10	577.23	577.13	577.13	577.10	577.16									
11	20 DEC 73	577.15	577.05	577.21	577.28	577.12	577.14	577.34	577.19	577.04	577.22									
21	31 DEC 73	577.21	577.52	577.39	577.68	577.16	576.88	577.18	577.19	577.29	577.22	577.41	577.32	21	0900	577.96		25	1100	576.73

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

ANNUAL SUMMARY OF LEVELS
MARYSVILLE, MI, ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 578.53 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 579.00 AUG 1973
DAILY MEAN ELEVATION 579.31 21 AUG 1973
INSTANT/HOURLY ELEVATION 579.75 1128 17 MAR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.57	12	JAN	1973
579.00	16	FEB	1973
579.27	17	MAR	1973
578.77	27	APR	1973
578.88	31	MAY	1973
579.11	30	JUN	1973
579.16	11	JUL	1973
579.31	21	AUG	1973
579.03	6	SEP	1973
578.79	16	OCT	1973
578.54	6	NOV	1973
578.41	21	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 578.02 DEC 1973
DAILY MEAN ELEVATION 577.53 25 DEC 1973
INSTANT/HOURLY ELEVATION 577.33 1100 25 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.82	18	JAN	1973
577.74	1	FEB	1973
577.83	3	MAR	1973
578.33	16	APR	1973
578.38	1	MAY	1973
578.75	3	JUN	1973
578.87	26	JUL	1973
578.88	31	AUG	1973
578.32	25	SEP	1973
578.06	28	OCT	1973
577.63	21	NOV	1973
577.53	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
579.40													0
579.20			1					1					2
579.00		1	1			11	14	12	3				44
578.80		3	1		3	18	17	18	9				113
578.60		3		6	24	1			10	3			160
578.40	1	3	8	20	3				6	13	4	1	219
578.20	12	8	8	4	1				2	12	9	3	278
578.00	11	8	5							3	5	14	324
577.80	7	1	7								11	11	361
577.60		1									1	1	364
577.40												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4084

DAILY WATER LEVELS

MARYSVILLE, MI, ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10 JAN 73	578.24	578.29	578.06	578.02	578.35	578.36	578.22	578.15	578.17	578.11					
11	20 JAN 73	578.39	578.57	578.32	578.35	578.30	577.97	578.00	577.82	577.95	578.23					
21	31 JAN 73	578.15	577.94	577.83	578.05	578.12	578.05	578.06	578.05	578.28	578.29	578.15	577.96	12	1200	578.83 4 0710 577.55
1	10 FEB 73	577.74	578.04	578.34	578.29	578.21	578.09	578.23	578.36	578.47	578.83					
11	20 FEB 73	578.77	578.88	578.77	578.67	578.87	579.00	578.57	578.43	578.36	578.32					
21	28 FEB 73	578.36	578.30	578.20	578.09	578.17	578.07	578.07	578.03	577.92				16	1100	579.10 1 0700 577.62
1	10 MAR 73	577.85	577.87	577.83	577.93	577.89	577.88	577.85	578.11	578.13	578.07					
11	20 MAR 73	578.01	578.28	578.25	578.19	578.21	578.50	579.27	579.11	578.82	578.58					
21	31 MAR 73	578.30	578.51	578.47	578.40	578.36	578.40	578.52	578.42	578.34	578.40	578.45	578.46	17	1128	579.75 7 0922 577.65
1	10 APR 73	578.43	578.50	578.59	578.61	578.59	578.56	578.55	578.63	578.52	578.50					
11	20 APR 73	578.55	578.57	578.59	578.50	578.36	578.33	578.51	578.49	578.45	578.38					
21	30 APR 73	578.54	578.39	578.54	578.65	578.59	578.56	578.60	578.77	578.75	578.62	578.55		16	2252	579.19 17 0107 578.01
1	10 MAY 73	578.38	578.46	578.67	578.73	578.69	578.64	578.53	578.52	578.69	578.70					
11	20 MAY 73	578.78	578.80	578.80	578.76	578.71	578.73	578.78	578.71	578.68	578.74					
21	31 MAY 73	578.70	578.72	578.70	578.71	578.75	578.66	578.71	578.69	578.68	578.87	578.87	578.88	10	1845	579.19 1 1440 578.11
1	10 JUN 73	578.90	578.83	578.75	578.86	578.86	578.93	578.92	578.87	578.99	578.92					
11	20 JUN 73	578.94	579.02	579.03	579.00	578.95	579.03	578.92	578.98	578.92	578.97					
21	30 JUN 73	578.96	578.99	579.02	579.03	579.03	579.00	578.92	578.96	579.04	579.06	579.11		12	0445	579.30 12 0115 578.57
1	10 JUL 73	579.02	578.98	579.08	579.09	579.09	579.02	579.00	579.03	579.04	579.09					
11	20 JUL 73	579.16	579.00	578.99	579.04	579.01	579.01	578.96	578.92	578.90	578.95					
21	31 JUL 73	578.98	578.99	578.99	578.93	578.87	578.88	578.87	578.88	578.98	578.96	578.88	578.90	10	2355	579.48 12 2050 578.67
1	10 AUG 73	578.95	579.06	579.07	579.05	578.96	578.97	578.92	578.90	578.96	579.04					
11	20 AUG 73	579.05	579.06	579.02	579.06	579.09	579.01	578.95	578.99	578.96	579.15					
21	31 AUG 73	579.00	579.31	579.04	578.98	578.96	578.90	578.90	578.30	578.95	578.91	578.92	578.88	20	1900	579.46 5 1340 578.58
1	10 SEP 73	578.89	578.89	578.87	578.84	578.95	579.03	579.02	578.97	578.90	578.82					
11	20 SEP 73	579.02	578.92	578.80	578.78	578.75	578.78	578.69	578.75	578.64	578.74					
21	30 SEP 73	578.73	578.50	578.43	578.66	578.50	578.32	578.39	578.54	578.53	578.63	578.49		11	2040	579.22 22 0430 577.55
1	10 OCT 73	578.46	578.45	578.52	578.54	578.64	578.56	578.50	578.47	578.42	578.39					
11	20 OCT 73	578.35	578.35	578.48	578.57	578.60	578.79	578.65	578.54	578.36	578.50					
21	31 OCT 73	578.42	578.35	578.31	578.30	578.19	578.12	578.37	578.27	578.06	578.21	578.38	578.31	13	2242	579.62 19 1407 577.57
1	10 NOV 73	578.37	578.38	578.50	578.44	578.40	578.54	578.29	578.30	578.43	578.18					
11	20 NOV 73	578.02	577.99	577.95	577.94	578.21	578.16	578.10	577.99	577.97	577.87					
21	30 NOV 73	578.14	577.63	577.92	577.99	577.92	578.02	577.91	577.91	578.22	578.27	578.32		30	1638	579.02 21 1550 577.48
1	10 DEC 73	578.12	577.81	577.93	578.06	577.78	578.01	578.01	578.01	577.95	577.95					
11	20 DEC 73	578.03	577.88	578.15	578.21	578.02	578.05	578.29	578.04	577.87	578.07					
21	31 DEC 73	578.02	578.41	578.07	578.38	577.88	577.53	577.93	577.85	577.99	577.94	578.18	578.08	21	0900	578.91 25 1100 577.33

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4084

ANNUAL SUMMARY OF LEVELS
 DRY DUCK, PORT HURON, MI, ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 579.00 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 579.51 JUL 1973
 DAILY MEAN ELEVATION 579.89 17 MAR 1973
 INSTANT/HOURLY ELEVATION 580.33 1200 17 MAR 1973

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.89	12	JAN	1973
579.29	16	FEB	1973
579.89	17	MAR	1973
579.25	27	APR	1973
579.36	30	MAY	1973
579.57	30	JUN	1973
579.71	11	JUL	1973
579.87	21	AUG	1973
579.56	11	SEP	1973
579.35	16	OCT	1973
579.11	6	NOV	1973
579.03	21	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 578.55 DEC 1973
 DAILY MEAN ELEVATION 577.97 25 DEC 1973
 INSTANT/HOURLY ELEVATION 577.73 1100 25 DEC 1973

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.21	22	JAN	1973
578.08	1	FEB	1973
578.22	7	MAR	1973
578.69	16	APR	1973
578.79	1	MAY	1973
579.19	3	JUN	1973
579.36	27	JUL	1973
579.36	31	AUG	1973
578.79	25	SEP	1973
578.56	28	OCT	1973
578.09	21	NOV	1973
577.97	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
580.00													0
579.80			1					1					2
579.60			1				4	2					9
579.40						17	22	22	7				77
579.20						12	5	6	11	1			127
579.00		1	1	2	11	1			7	9	3	1	178
578.80	6	6	10	11	16				4	15	10	3	248
578.60	8	8	5	4	3				1	4	4	8	291
578.40	10	8	5		1					2	12	14	342
578.20	7	1	8									4	362
578.00		1											364
577.80											1	1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4087

DAILY WATER LEVELS

DRY DOCK, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	578.65	578.76	578.47	578.34	578.81	578.85	578.67	578.60	578.60	578.53				
11	20	JAN 73	578.83	578.89	578.63	578.71	578.67	578.34	578.44	578.23	578.38	578.76				
21	31	JAN 73	578.58	578.39	578.21	578.47	578.60	578.50	578.49	578.51	578.81	578.83	578.62	578.38	28	2300 579.37 4 0700 577.74
1	10	FEB 73	578.08	578.45	578.79	578.71	578.64	578.48	578.67	578.84	578.83	579.17				
11	20	FEB 73	579.00	579.07	578.99	578.94	579.20	579.29	578.90	578.74	578.69	578.67				
21	28	FEB 73	578.72	578.67	578.59	578.48	578.59	578.46	578.42	578.30				16	1100 579.46 1 0700 577.95	
1	10	MAR 73	578.27	578.30	578.24	578.39	578.30	578.30	578.22	578.54	578.57	578.48				
11	20	MAR 73	578.36	578.69	578.65	578.59	578.56	578.92	579.89	579.61	579.21	579.00				
21	31	MAR 73	578.72	578.93	578.88	578.81	578.76	578.82	578.97	578.83	578.73	578.80	578.87	578.91	17	1200 580.33 7 0900 577.97
1	10	APR 73	578.81	578.91	579.01	579.04	579.01	578.98	578.98	579.10	578.92	578.92				
11	20	APR 73	578.99	579.03	579.04	578.92	578.75	578.69	578.93	578.93	578.86	578.78				
21	30	APR 73	578.97	578.80	578.94	579.08	579.03	579.02	579.06	579.25	579.22	579.07	578.98		16	2300 579.51 17 0100 578.37
1	10	MAY 73	578.79	578.86	579.12	579.22	579.19	579.10	578.96	578.95	579.12	579.16				
11	20	MAY 73	579.23	579.26	579.27	579.22	579.17	579.16	579.25	579.16	579.13	579.21				
21	31	MAY 73	579.16	579.18	579.18	579.19	579.23	579.09	579.17	579.15	579.14	579.35	579.36	579.34	10	1800 579.59 1 2000 578.51
1	10	JUN 73	579.37	579.33	579.19	579.33	579.33	579.38	579.36	579.33	579.49	579.38				
11	20	JUN 73	579.39	579.51	579.51	579.47	579.41	579.52	579.37	579.44	579.36	579.42				
21	30	JUN 73	579.42	579.45	579.50	579.50	579.51	579.48	579.36	579.41	579.50	579.50	579.57		16	1800 579.75 12 0100 579.04
1	10	JUL 73	579.54	579.48	579.59	579.61	579.60	579.53	579.53	579.55	579.58	579.61				
11	20	JUL 73	579.71	579.52	579.52	579.58	579.55	579.54	579.49	579.45	579.43	579.49				
21	31	JUL 73	579.51	579.54	579.52	579.46	579.37	579.38	579.36	579.36	579.52	579.49	579.38	579.41	10	2400 580.06 12 2100 579.05
1	10	AUG 73	579.47	579.56	579.58	579.54	579.42	579.45	579.39	579.37	579.43	579.54				
11	20	AUG 73	579.53	579.57	579.53	579.57	579.60	579.51	579.44	579.48	579.43	579.67				
21	31	AUG 73	579.49	579.87	579.55	579.47	579.45	579.37	579.37	579.38	579.45	579.40	579.43	579.36	20	1900 580.07 5 1400 579.02
1	10	SEP 73	579.37	579.37	579.37	579.34	579.44	579.55	579.54	579.49	579.42	579.31				
11	20	SEP 73	579.56	579.44	579.29	579.28	579.25	579.30	579.20	579.27	579.14	579.28				
21	30	SEP 73	579.24	578.99	578.98	579.17	579.02	578.79	578.89	579.06	579.05	579.14	579.00		11	2200 579.78 22 0400 578.03
1	10	OCT 73	578.95	578.92	579.01	579.03	579.15	579.06	578.99	578.95	578.89	578.86				
11	20	OCT 73	578.83	578.81	578.96	579.08	579.11	579.35	579.17	579.07	578.82	579.03				
21	31	OCT 73	578.92	578.86	578.82	578.80	578.67	578.60	578.90	578.77	578.56	578.74	578.93	578.82	16	0300 579.70 19 1400 577.98
1	10	NOV 73	578.86	578.91	579.04	578.97	578.94	579.11	578.81	578.83	579.03	578.75				
11	20	NOV 73	578.54	578.50	578.44	578.49	578.81	578.77	578.68	578.54	578.55	578.43				
21	30	NOV 73	578.69	578.09	578.46	578.54	578.49	578.61	578.44	578.45	578.82	578.84	578.94		30	1600 579.59 21 1600 577.92
1	10	DEC 73	578.68	578.30	578.41	578.58	578.22	578.52	578.58	578.55	578.49	578.45				
11	20	DEC 73	578.59	578.41	578.74	578.81	578.61	578.65	578.91	578.61	578.43	578.66				
21	31	DEC 73	578.55	579.03	578.55	578.85	578.34	577.97	578.46	578.30	578.48	578.43	578.73	578.61	21	0900 579.60 25 1100 577.73

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4087

ANNUAL SUMMARY OF LEVELS
MOUTH OF BLACK RIVER, PORT HURON, MI, ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 579.50 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 579.90 AUG 1973
DAILY MEAN ELEVATION 580.31 21 AUG 1973
INSTANT/HOURLY ELEVATION 580.68 2027 13 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
579.67	27	APR	1973
579.74	30	MAY	1973
579.95	30	JUN	1973
580.09	11	JUL	1973
580.31	21	AUG	1973
579.97	11	SEP	1973
579.76	16	OCT	1973
579.50	6	NOV	1973
579.46	21	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 578.94 DEC 1973
DAILY MEAN ELEVATION 578.31 25 DEC 1973
INSTANT/HOURLY ELEVATION 577.98 1355 18 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
579.01	16	APR	1973
579.14	1	MAY	1973
579.58	3	JUN	1973
579.70	27	JUL	1973
579.68	31	AUG	1973
579.42	22	SEP	1973
578.97	28	OCT	1973
578.45	21	NOV	1973
578.31	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
580.40													0
580.20								1					1
580.00							3	6					10
579.80						16	20	17	8				71
579.60				2	8	13	8	7	11	1			121
579.40				11	19	1			7	8	4	1	172
579.20				11	2					15	8	2	210
579.00				6	2					5	5	10	238
578.80										2	12	10	262
578.60												5	267
578.40											1	1	269
578.20												1	270

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

DAILY WATER LEVELS

MOUTH OF BLACK RIVER, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.	
1	10	JAN 73															
11	20	JAN 73															
21	31	JAN 73															
1	10	FEB 73															
11	20	FEB 73															
21	28	FEB 73															
1	10	MAR 73															
11	20	MAR 73															
21	31	MAR 73															
1	10	APR 73	579.17	579.29	579.46	579.50	579.41	579.35	579.37	579.49	579.31	579.04					
11	20	APR 73	579.37	579.43	579.45	579.30	579.10	579.01	579.27	579.27	579.23	579.14					
21	30	APR 73	579.34	579.13	579.29	579.45	579.41	579.41	579.45	579.67	579.62	579.42	579.31	16	2240	580.10	17 0100 578.68
1	10	MAY 73	579.14	579.19	579.47	579.59	579.58	579.46	579.29	579.27	579.46	579.48					
11	20	MAY 73	579.60	579.63	579.61	579.57	579.49	579.51	579.67	579.56	579.53	579.62					
21	31	MAY 73	579.53	579.59	579.56	579.56	579.61	579.47	579.55	579.53	579.50	579.73	579.74	579.72	10	1822	580.10 1 2002 578.78
1	10	JUN 73	579.77	579.70	579.58	579.73	579.70	579.75	579.74	579.69	579.85	579.74					
11	20	JUN 73	579.75	579.87	579.89	579.83	579.75	579.94	579.82	579.87	579.76	579.82					
21	30	JUN 73	579.80	579.86	579.89	579.88	579.91	579.86	579.73	579.78	579.82	579.88	579.95	12	0435	580.31	12 0050 579.30
1	10	JUL 73	579.88	579.86	579.98	580.00	579.99	579.89	579.90	579.94	579.96	580.01					
11	20	JUL 73	580.09	579.87	579.82	579.94	579.93	579.92	579.86	579.81	579.80	579.86					
21	31	JUL 73	579.87	579.90	579.87	579.80	579.72	579.74	579.73	579.70	579.86	579.83	579.72	579.77	10	2331	580.53 12 2044 579.21
1	10	AUG 73	579.84	579.96	580.00	580.06	580.03	579.90	579.81	579.77	579.84	579.94					
11	20	AUG 73	579.92	579.97	579.93	580.00	580.05	579.93	579.85	579.91	579.84	580.08					
21	31	AUG 73	579.90	580.31	579.96	579.87	579.84	579.74	579.75	579.75	579.82	579.75	579.80	579.68	20	1833	580.52 31 0400 579.45
1	10	SEP 73	579.71			579.72	579.84	579.94	579.92	579.88	579.83	579.70					
11	20	SEP 73	579.97	579.83	579.69	579.73	579.68	579.72	579.61	579.63	579.50	579.68					
21	30	SEP 73	579.69	579.42	579.42	579.94	579.60		579.62	579.47	579.56	579.43	11	2150	580.27	22 0932 578.67	
1	10	OCT 73	579.33	579.28	579.40	579.42	579.51	579.43	579.37	579.33	579.21	579.20					
11	20	OCT 73	579.22	579.21	579.38	579.52	579.57	579.76	579.59	579.51	579.18	579.44					
21	31	OCT 73	579.32	579.25	579.22	579.21	579.08	579.00	579.33	579.20	578.97	579.18	579.38	579.23	13	2027	580.68 18 1355 577.98
1	10	NOV 73	579.28	579.40	579.47	579.38	579.33	579.50	579.18	579.21	579.41	579.13					
11	20	NOV 73	578.88	578.86	578.83	578.88	579.27	579.20	579.09	578.93	578.98	578.85					
21	30	NOV 73	579.10	578.45	578.86	578.98	578.92	579.07	578.88	578.88	579.29	579.30	579.41	30	1629	580.30	21 1457 578.23
1	10	DEC 73	579.14	578.67	578.81	579.02	578.58	578.71		578.94	578.92	578.88					
11	20	DEC 73	579.02	578.83	579.20	579.25	579.04	579.08	579.33	579.02	578.84	579.08					
21	31	DEC 73	578.94	579.46	578.89	579.20	578.69	578.31	578.86	578.65	578.83	578.80	579.11	579.00	21	0800	580.06 25 1000 578.03

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

ANNUAL SUMMARY OF LEVELS
DUNN PAPER, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 579.84 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.39 AUG 1973
DAILY MEAN ELEVATION 580.93 17 MAR 1973
INSTANT/HOURLY ELEVATION 581.70 2235 16 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.77	28	JAN	1973
579.89	16	FEB	1973
580.93	17	MAR	1973
580.24	27	APR	1973
580.30	29	MAY	1973
580.44	16	JUN	1973
580.61	11	JUL	1973
580.85	21	AUG	1973
580.49	11	SEP	1973
580.24	16	OCT	1973
579.62	25	NOV	1973
579.87	14	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.37 NOV 1973
DAILY MEAN ELEVATION 578.88 21 NOV 1973
INSTANT/HOURLY ELEVATION 578.28 1448 19 OCT 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.99	16	JAN	1973
578.98	1	FEB	1973
578.97	7	MAR	1973
579.43	16	APR	1973
579.58	1	MAY	1973
580.08	3	JUN	1973
580.21	30	JUL	1973
580.22	8	AUG	1973
579.67	25	SEP	1973
579.67	12	OCT	1973
578.88	21	NOV	1973
578.97	5	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.00													0
580.80			1					1					2
580.60							1						3
580.40						4	12	12	4				35
580.20				1	3	20	18	18	10	1			106
580.00				1	17	6			8	4			142
579.80		2	2	13	8				5	9		1	182
579.60	5	3	8	13	2				3	8	1	1	226
579.40	8	9	7	2	1						2	4	259
579.20	5	8	5								3	4	284
579.00	2	5	6										297
578.80	1	1	1								1	1	302

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

DAILY WATER LEVELS

DUNN PAPER, PORT HURON, MI. ON ST. CLAIR RIVER

													HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
DAY	MONTH	MONTHLY MEANS																		
1	10	JAN 73	579.43	579.68					579.70			579.42	579.45	579.26						
11	20	JAN 73	579.70	579.60	579.15			579.30	578.99											
21	31	JAN 73	579.44	579.22	579.53	579.51	579.46	579.37	579.38	579.77	579.73	579.46	579.19	28	2200	580.36	31 1900 578.80			
1	10	FEB 73	578.98	579.21	579.63	579.50	579.45	579.28	579.50	579.71	579.53	579.79								
11	20	FEB 73	579.43	579.44	579.41	579.46	579.84	579.89	579.41	579.30	579.28	579.31								
21	28	FEB 73	579.40	579.38	579.31	579.17	579.30	579.19	579.20	579.18	579.05									
1	10	MAR 73	579.05	579.11	579.06	579.22	579.13	579.11	578.97	579.39	579.46	579.31								
11	20	MAR 73	579.03	579.42	579.42	579.23	579.32	579.78	580.93			579.90	579.79							
21	31	MAR 73	579.49	579.71	579.66	579.58	579.54	579.60	579.81	579.64	579.51	579.62	579.67	579.77	17	1103	581.62 14 1905 578.50			
1	10	APR 73	579.63	579.71	579.82	579.90	579.84	579.80	579.84	579.97	579.74	579.72								
11	20	APR 73	579.86	579.92	579.94	579.79	579.57	579.43	579.80	579.79	579.74	579.63								
21	30	APR 73	579.83	579.63	579.76	579.96	579.93	579.93	579.99	580.24	580.15	579.95	579.79	16	2235	581.70 17 0100 578.99				
1	10	MAY 73	579.58	579.66	579.94	580.13	580.11	580.00	579.82	579.74	579.97	579.95								
11	20	MAY 73	580.11	580.14	580.16	580.09	580.04	579.98	580.17	580.06	580.01	580.11								
21	31	MAY 73	580.03	580.10	580.08	580.09	580.15	579.99	580.03	580.04	579.98	580.30	580.27	580.25	10	2125	580.70 1 1525 579.11			
1	10	JUN 73	580.24	580.20	580.08	580.20	580.19	580.26	580.23	580.17	580.37	580.24								
11	20	JUN 73	580.26	580.40	580.41	580.37	580.30	580.44	580.26	580.33	580.21	580.29								
21	30	JUN 73	580.29	580.35	580.37	580.36	580.38	580.34	580.20	580.23	580.30	580.43	12	0725	580.91 9 0430 579.82					
1	10	JUL 73	580.37	580.34	580.42	580.49	580.48	580.38	580.37	580.41	580.43	580.46								
11	20	JUL 73	580.61	580.35	580.30	580.44	580.42	580.44	580.38	580.33	580.29	580.36								
21	31	JUL 73	580.37	580.42	580.41	580.34	580.24	580.23	580.23	580.21	580.35	580.46	580.21	580.27	11	0010	581.06 12 2138 578.41			
1	10	AUG 73	580.34	580.45	580.49	580.46	580.32	580.32	580.30	580.22	580.29	580.40								
11	20	AUG 73	580.40	580.45	580.45	580.49	580.57	580.45	580.35	580.39	580.35	580.59								
21	31	AUG 73	580.39	580.85	580.47	580.36	580.34	580.26	580.25	580.27	580.35	580.31	580.32	580.24	20	1935	581.11 5 1409 579.72			
1	10	SEP 73	580.27	580.25	580.26	580.20	580.37	580.49	580.48	580.45	580.36	580.21								
11	20	SEP 73	580.49	580.37	580.21	580.19	580.14	580.22	580.10	580.19	580.02	580.22								
21	30	SEP 73	580.15	579.91	579.71	580.11	579.95	579.67	579.79	579.96	579.98	580.08	579.90	11	2300	580.77 22 0500 579.01				
1	10	OCT 73	579.82	579.78	579.90	579.93	580.07	579.97	579.88	579.86	579.78	579.74								
11	20	OCT 73	579.70	579.67	579.83	580.00	580.06	580.26	580.14	580.03	579.71	579.95								
21	31	OCT 73	579.89	579.78	579.74															
1	10	NOV 73											579.49	579.34						
11	20	NOV 73																		
21	30	NOV 73	579.37	578.88	579.36	579.48	579.39	579.62									25	0900	579.78	21 1500 578.67
1	10	DEC 73					579.44	578.97	579.38	579.53	579.51	579.40	579.32							
11	20	DEC 73			579.53	579.37	579.71	579.87									13	2000	580.40	6 0100 578.65
21	31	DEC 73	579.46																	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

ANNUAL SUMMARY OF LEVELS
FORT GRATIOT, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 580.44 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.85 JUN 1973
DAILY MEAN ELEVATION 581.42 22 JUN 1973
INSTANT/HOURLY ELEVATION 582.15 2200 13 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
		APR	1973
		MAY	1973
581.42	22	JUN	1973
581.11	11	JUL	1973
581.37	21	AUG	1973
581.00	11	SEP	1973
580.80	16	OCT	1973
580.61	6	NOV	1973
580.54	21	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.86 DEC 1973
DAILY MEAN ELEVATION 579.05 25 DEC 1973
INSTANT/HOURLY ELEVATION 578.61 0400 22 SEP 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
		APR	1973
		MAY	1973
580.63	26	JUN	1973
580.65	27	JUL	1973
580.63	8	AUG	1973
580.07	25	SEP	1973
579.83	28	OCT	1973
579.29	21	NOV	1973
579.05	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.60													0
581.40						1							1
581.20								1					2
581.00						5		2					11
580.80						8	18	14	7				58
580.60						16	11	14	12	2	1		114
580.40									5	7	3		131
580.20									3	10	7	2	153
580.00									3	9	6	8	179
579.80										3	7	6	195
579.60											5	8	208
579.40												2	210
579.20											1	2	213
579.00												1	214

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

DAILY WATER LEVELS

FORT GRATIOT, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.	
1	10	JAN 73															
11	20	JAN 73															
21	31	JAN 73															
1	10	FEB 73															
11	20	FEB 73															
21	28	FEB 73															
1	10	MAR 73															
11	20	MAR 73															
21	31	MAR 73															
1	10	APR 73															
11	20	APR 73															
21	30	APR 73															
1	10	MAY 73															
11	20	MAY 73															
21	31	MAY 73															
1	10	JUN 73	580.80	580.80	580.72	580.67	580.69	580.70	580.73	580.71	580.74	580.84					
11	20	JUN 73	580.86	580.98	581.04	580.85	581.08	581.17	580.72	580.85	580.67	580.76					
21	30	JUN 73	580.85	581.06	581.42	581.04	580.96	580.89	580.63	580.68	580.71	580.79	580.89	22	2200	581.51	26 1900 580.13
1	10	JUL 73	580.88	580.85	580.87	580.94	581.00	580.86	580.82	580.88	580.88	581.02					
11	20	JUL 73	581.11	580.78	580.72	580.90	580.94	580.90	580.83	580.79	580.74	580.82					
21	31	JUL 73	580.83	580.89	580.86	580.75	580.67	580.67	580.67	580.65	580.82	580.81	580.66	580.73	10	2400	581.50 27 0500 580.20
1	10	AUG 73	580.79	580.94	580.93	580.87	580.73	580.74	580.71	580.63	580.71	580.81					
11	20	AUG 73	580.89	580.94	580.87	580.98	581.02	580.93	580.76	580.89	580.91	581.09					
21	31	AUG 73	580.84	581.37	580.93	580.81	580.78	580.72	580.71	580.68	580.82	580.74	580.77	580.67	21	0200	581.57 5 1300 580.10
1	10	SEP 73	580.70	580.70	580.70	580.65	580.82	580.96	580.95	580.93	580.84	580.65					
11	20	SEP 73	581.00	580.84	580.67	580.67	580.61	580.70	580.62	580.66	580.46	580.72					
21	30	SEP 73	580.61	580.34	580.09	580.58	580.38	580.07	580.20	580.43	580.43	580.58	580.34	11	2200	581.33 22 0400 578.61	
1	10	OCT 73	580.27	580.22	580.38	580.42	580.56	580.44	580.34	580.31	580.25	580.20					
11	20	OCT 73	580.13	580.09	580.27	580.50	580.58	580.80	580.65	580.56	580.13	580.45					
21	31	OCT 73	580.29	580.24	580.19	580.17	580.00	579.90	580.34	580.16	579.83	580.15	580.40	580.16	13	2200	582.15 19 1300 579.22
1	10	NOV 73	580.18	580.38	580.54	580.46	580.37	580.61	580.20	580.20	580.56	580.19					
11	20	NOV 73	579.83	579.82	579.78	579.87	580.35	580.22	580.06	579.90	579.95	579.81					
21	30	NOV 73	580.08	579.29	579.77	579.94	579.77	580.02	579.77	579.79	580.28	580.26	580.34	30	1600	581.37 21 1400 578.94	
1	10	DEC 73	580.06	579.48	579.65	579.95	579.30	579.77	580.01	579.95	579.82	579.73					
11	20	DEC 73	580.00	579.79	580.23	580.30	580.07	580.11	580.42	580.03	579.83	580.11					
21	31	DEC 73	579.86	580.54	579.66	580.04	579.51	579.05	579.78	579.38	579.65	579.62	580.01	579.91	21	0800	581.32 25 1000 578.61

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

ANNUAL SUMMARY OF LEVELS
LAKEPORT, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.42 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.98 AUG 1973
DAILY MEAN ELEVATION 581.49 21 AUG 1973
INSTANT/HOURLY ELEVATION 582.25 1100 17 MAR 1973

LOWEST

MONTHLY MEAN ELEVATION 579.89 JAN 1973
DAILY MEAN ELEVATION 579.17 25 DEC 1973
INSTANT/HOURLY ELEVATION 578.74 0800 4 JAN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.28	20	JAN	1973
580.45	16	FEB	1973
581.36	17	MAR	1973
580.78	27	APR	1973
580.87	30	MAY	1973
581.01	13	JUN	1973
581.23	11	JUL	1973
581.49	21	AUG	1973
581.15	11	SEP	1973
581.00	16	OCT	1973
580.76	6	NOV	1973
580.53	21	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.42	4	JAN	1973
579.26	1	FEB	1973
579.47	7	MAR	1973
579.90	16	APR	1973
580.10	1	MAY	1973
580.71	8	JUN	1973
580.75	27	JUL	1973
580.81	8	AUG	1973
580.23	25	SEP	1973
580.08	25	OCT	1973
579.42	21	NOV	1973
579.17	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.60													0
581.40								1					1
581.20							1	1					4
581.00			1			1	11	9	4				30
580.80					3	21	16	20	13	1			104
580.60				2	16	6	3		5	6	4		146
580.40		1	1	8	8				5	9	4	2	184
580.20	5	2	5	13	2				3	12	7	5	238
580.00	4	3	6	6	2					3	6	9	277
579.80	11	11	7	1							8	6	321
579.60	7	9	8									6	351
579.40	4	1	2								1	2	361
579.20		1											362
579.00												1	363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

DAILY WATER LEVELS
LAKEPORT, MI, ON LAKE HURON

DAY		MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.		
1	10	JAN 73		579.83	580.14	579.73	579.42	580.21	580.28	580.07	579.93	579.90	579.81						
11	20	JAN 73		580.10	579.94	579.63	579.79	579.82	579.56	579.77	579.58	579.80	580.28						
21	31	JAN 73	579.89	579.83	579.50	579.79	580.00	579.83	579.90	579.92	580.26	580.25	580.03	579.75	28	2300	580.91	4 0800	578.74
1	10	FEB 73		579.26	579.69	580.16	580.01	579.98	579.74	580.00	580.21	579.96	580.16						
11	20	FEB 73		579.78	579.70	579.72	579.82	580.35	580.45	579.87	579.72	579.75	579.86						
21	28	FEB 73	579.89	579.98	579.90	579.79	579.99	579.84	579.82	579.70	579.60			15	2200	580.76	1 0700	579.05	
1	10	MAR 73		579.62	579.74	579.67	579.86	579.77	579.67	579.47	579.85	579.88	579.76						
11	20	MAR 73		579.53	579.87	579.86	579.66	579.61	580.24	581.36	581.02	580.59	580.30						
21	31	MAR 73	580.03	580.23	580.17	580.06	580.00	580.12	580.33	580.11	579.98	580.11	580.16	580.22	17	1100	582.25	7 0900	579.12
1	10	APR 73		580.09	580.15	580.30	580.39	580.36	580.29	580.39	580.50	580.34	580.18						
11	20	APR 73		580.37	580.47	580.47	580.29	580.06	579.90	580.31	580.29	580.23	580.16						
21	30	APR 73	580.35	580.16	580.28	580.49	580.47	580.48	580.54	580.78	580.74	580.53	580.37	27	2200	581.00	16 1600	579.50	
1	10	MAY 73		580.10	580.20	580.49	580.74	580.73	580.56	580.36	580.31	580.53	580.55						
11	20	MAY 73		580.68	580.73	580.76	580.70	580.62	580.57	580.79	580.62	580.57	580.69						
21	31	MAY 73	580.61	580.66	580.63	580.66	580.71	580.53	580.62	580.61	580.54	580.86	580.87	580.82	10	2100	581.19	1 2000	579.79
1	10	JUN 73		580.83			580.85	580.76	580.85	580.81	580.71	580.93	580.85						
11	20	JUN 73		580.87	580.97	581.01	580.97	580.87	581.00	580.79	580.86	580.75	580.86						
21	30	JUN 73	580.88	580.92	580.96	580.96	580.99	580.94	580.75	580.79	580.87	580.91	581.00	16	1800	581.30	26 1900	580.37	
1	10	JUL 73		580.95	580.90	581.02	581.07	581.06	580.99	580.96	581.04	581.04	581.07						
11	20	JUL 73		581.23	580.92	580.92	581.09	581.09	581.05	580.96	580.92	580.88	580.95						
21	31	JUL 73	580.96	581.01	581.01	580.91	580.80	580.82	580.76	580.75	580.93	580.96	580.81	580.84	10	2400	581.59	6 1700	580.50
1	10	AUG 73		580.88	581.04	581.05	581.02	580.86	580.91	580.85	580.81	580.90	580.97						
11	20	AUG 73		580.99	581.07	581.02	581.09	581.14	581.01	580.90	580.95	580.89	581.22						
21	31	AUG 73	580.98	581.49	581.11	580.97	580.93	580.88	580.85	580.86	580.95	580.89	580.92	580.87	21	0200	581.73	5 1300	580.26
1	10	SEP 73		580.85	580.88	580.88	580.82	580.97	581.09	581.12	581.10	580.98	580.82						
11	20	SEP 73		581.15	580.99	580.85	580.84	580.81	580.86	580.77	580.79	580.62	580.83						
21	30	SEP 73	580.77	580.52	580.35	580.71	580.51	580.23	580.36	580.60	580.59	580.71	580.53	11	2200	581.46	22 0700	579.58	
1	10	OCT 73		580.46	580.36	580.51	580.54	580.74	580.58	580.50	580.46	580.38	580.36						
11	20	OCT 73		580.30	580.29	580.45	580.67	580.72	581.00	580.78	580.67	580.39	580.63						
21	31	OCT 73	580.46	580.40	580.36	580.35	580.18	580.08	580.48	580.34	580.09	580.35	580.54	580.30	13	2200	582.08	19 1100	579.72
1	10	NOV 73		580.32	580.54	580.71	580.62	580.54	580.76	580.35	580.33	580.66	580.31						
11	20	NOV 73		579.99	579.94	579.97	580.04	580.43	580.28	580.19	580.02	580.06	579.91						
21	30	NOV 73	580.22	579.42	579.93	580.09	579.94	580.17	579.95	579.91	580.35	580.31	580.47	30	1600	581.55	21 1500	579.04	
1	10	DEC 73		580.19	579.68	579.80	580.12	579.46	579.93	580.15	580.16	579.99	579.88						
11	20	DEC 73		580.14	579.96	580.40	580.40	580.21	580.26	580.47	580.14	579.98	580.21						
21	31	DEC 73	579.99	580.53	579.77	580.12	579.65	579.17	579.90	579.50	579.76	579.70	580.12	580.01	21	0900	581.18	25 1000	578.77

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

ANNUAL SUMMARY OF LEVELS
HARBOR BEACH, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.41 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.99 AUG 1973
DAILY MEAN ELEVATION 581.33 21 AUG 1973
INSTANT/HOURLY ELEVATION 581.55 0200 21 AUG 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.22	5	JAN	1973
580.14	16	FEB	1973
580.76	17	MAR	1973
580.67	28	APR	1973
580.86	31	MAY	1973
581.02	30	JUN	1973
581.16	11	JUL	1973
581.33	21	AUG	1973
581.14	7	SEP	1973
580.93	16	OCT	1973
580.65	6	NOV	1973
580.23	21	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.85 FEB 1973
DAILY MEAN ELEVATION 579.32 25 DEC 1973
INSTANT/HOURLY ELEVATION 579.11 1100 25 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.55	22	JAN	1973
579.36	1	FEB	1973
579.53	7	MAR	1973
580.03	1	APR	1973
580.14	1	MAY	1973
580.62	3	JUN	1973
580.81	24	JUL	1973
580.86	27	AUG	1973
580.24	25	SEP	1973
580.05	28	OCT	1973
579.55	21	NOV	1973
579.32	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20								1					1
581.00						2	13	11	6				33
580.80					3	21	18	19	6	1			101
580.60			2	1	12	7			9	4	2		138
580.40			1	7	12				7	12	4		181
580.20	1			15	3				2	12	8	2	224
580.00	9	6	12	7	1					2	10	14	285
579.80	14	9	6								5	9	328
579.60	5	12	8									5	358
579.40	2		2								1		363
579.20		1										1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5014

DAILY WATER LEVELS

HARBOR BEACH, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 73	579.94	580.17	579.85	579.57	580.22	580.18	580.00	579.93	579.92	579.93					
11	20	JAN 73	580.12	580.01	579.78	579.82	579.83	579.78	579.84	579.70	579.85	580.15					
21	31	JAN 73	579.92	579.80	579.55	579.85	580.01	579.89	579.91	579.91	580.04	580.05	579.80	20 0600	580.47	4 0800 579.15	
1	10	FEB 73	579.36	579.70	580.11	580.01	579.89	579.72	579.98	580.08	579.96	580.06					
11	20	FEB 73	579.78	579.69	579.68	579.80	580.08	580.14	579.87	579.76	579.81	579.88					
21	28	FEB 73	579.85	579.95	579.88	579.78	579.94	579.80	579.78	579.70	579.65		16 0900	580.31	1 0800	579.25	
1	10	MAR 73	579.70	579.76	579.68	579.82	579.74	579.65	579.53	579.86	579.86	579.74					
11	20	MAR 73	579.60	579.87	579.90	579.74	579.74	580.18	580.76	580.72	580.45	580.17					
21	31	MAR 73	579.98	580.14	580.12	580.06	580.02	580.08	580.18	580.06	579.97	580.08	580.16	17 1100	581.28	11 1200 579.25	
1	10	APR 73	580.03	580.14	580.28	580.25	580.34	580.32	580.25	580.33	580.27	580.18					
11	20	APR 73	580.36	580.38	580.43	580.31	580.13	580.06	580.40	580.32	580.20	580.13					
21	30	APR 73	580.32	580.22	580.39	580.50	580.47	580.42	580.46	580.59	580.67	580.51	580.33	28 2200	580.76	10 0800 579.81	
1	10	MAY 73	580.14	580.29	580.58	580.71	580.70	580.54	580.34	580.33	580.58	580.58					
11	20	MAY 73	580.71	580.73	580.76	580.70	580.62	580.61	580.78	580.60	580.53	580.64					
21	31	MAY 73	580.60	580.64	580.60	580.60	580.66	580.51	580.58	580.59	580.53	580.83	580.84	580.86	31 2200	581.09	1 2100 579.94
1	10	JUN 73	580.86	580.77	580.62	580.79	580.84	580.88	580.87	580.79	580.97	580.90					
11	20	JUN 73	580.93	580.99	581.02	580.96	580.89	580.99	580.79	580.82	580.77	580.89					
21	30	JUN 73	580.89	580.95	580.97	580.97	580.96	580.93	580.80	580.85	580.92	580.96	581.02	14 1600	581.32	3 2000 580.48	
1	10	JUL 73	580.97	580.94	581.04	581.10	581.11	581.03	581.03	581.12	581.09	581.08					
11	20	JUL 73	581.16	580.99	580.97	581.14	581.06	581.03	580.95	580.91	580.91	580.98					
21	31	JUL 73	580.98	580.95	580.94	580.84	580.81	580.83	580.85	580.85	581.02	580.99	580.85	580.84	12 1900	581.43	12 1800 580.62
1	10	AUG 73	580.87	581.03	581.06	581.01	580.90	580.97	580.92	580.84	580.96	581.07					
11	20	AUG 73	581.09	581.12	581.06	581.01	581.05	580.97	580.88	580.94	580.94	581.15					
21	31	AUG 73	580.99	581.33	581.00	580.99	580.94	580.87	580.88	580.86	580.99	580.94	580.98	580.91	21 0200	581.55	5 1300 580.67
1	10	SEP 73	580.91	580.91	580.89	580.86	581.03	581.13	581.14	581.03	580.89	580.86					
11	20	SEP 73	581.13	581.00	580.79	580.76	580.76	580.79	580.68	580.72	580.66	580.74					
21	30	SEP 73	580.75	580.52	580.43	580.73	580.50	580.24	580.34	580.52	580.51	580.55	580.44	11 2200	581.26	22 0500 580.05	
1	10	OCT 73	580.41	580.38	580.52	580.54	580.71	580.58	580.48	580.45	580.38	580.34					
11	20	OCT 73	580.30	580.33	580.54	580.75	580.73	580.93	580.79	580.60	580.45	580.54					
21	31	OCT 73	580.45	580.40	580.36	580.37	580.23	580.15	580.44	580.33	580.05	580.21	580.41	580.34	16 1700	581.12	28 1800 579.90
1	10	NOV 73	580.38	580.53	580.61	580.60	580.44	580.65	580.34	580.35	580.55	580.23					
11	20	NOV 73	580.09	580.06	580.03	580.03	580.30	580.16	580.19	580.02	580.02	579.94					
21	30	NOV 73	580.20	579.55	579.98	580.07	579.98	580.07	579.95	579.91	580.25	580.38	580.34	9 1400	580.78	21 1400 579.37	
1	10	DEC 73	580.11	579.78	579.86	580.11	579.61	580.01	580.13	580.12	579.97	579.98					
11	20	DEC 73	580.11	579.96	580.19	580.16	580.09	580.08	580.22	580.06	579.90	580.03					
21	31	DEC 73	579.97	580.23	579.88	580.04	579.70	579.32	579.87	579.71	579.88	579.78	580.14	579.99	13 1900	580.52	25 1100 579.11

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5014

ANNUAL SUMMARY OF LEVELS
ESSEXVILLE, MI. ON LAKE HURON (SAGINAW BAY)

YEARLY MEAN ELEVATION 580.40 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.96 JUL 1973
DAILY MEAN ELEVATION 582.13 17 MAR 1973
INSTANT/HOURLY ELEVATION 583.57 0927 17 MAR 1973

LOWEST

MONTHLY MEAN ELEVATION 579.83 JAN 1973
DAILY MEAN ELEVATION 578.97 4 JAN 1973
INSTANT/HOURLY ELEVATION 577.82 0622 4 JAN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.23	6	JAN	1973
580.16	5	FEB	1973
582.13	17	MAR	1973
581.62	9	APR	1973
581.08	29	MAY	1973
581.37	16	JUN	1973
581.28	11	JUL	1973
581.56	21	AUG	1973
581.17	17	SEP	1973
580.99	28	OCT	1973
580.98	15	NOV	1973
581.17	13	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.97	4	JAN	1973
579.52	1	FEB	1973
579.37	15	MAR	1973
579.62	16	APR	1973
580.02	2	MAY	1973
580.58	8	JUN	1973
580.48	27	JUL	1973
580.73	8	AUG	1973
580.20	22	SEP	1973
579.95	25	OCT	1973
579.29	21	NOV	1973
579.02	5	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
582.20													0
582.00			1										1
581.80													1
581.60				1									2
581.40								1					3
581.20				1		1	1	1					7
581.00					1	2	11	9	3			1	34
580.80			1	2	4	17	17	12	11	2	1	1	102
580.60			2	2	16	9	1	8	8	2		2	152
580.40			3	7	6	1	1		5	14	3	2	194
580.20	1		4	8	2				1	10	5		225
580.00	7	3	4	5	2				2	2	9	8	267
579.80	9	11	4							1	6	7	305
579.60	10	12	9	1							3	4	344
579.40	2	2	2								2	3	355
579.20	1		1								1	2	360
579.00												1	361
578.80	1												362

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

DAILY WATER LEVELS

ESSEXVILLE, MI, ON LAKE HURON (SAGINAW BAY)

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	TIME ELEV.
1	10	JAN 73	579.29	580.03	579.92	578.97	580.00	580.23	580.03	579.94	579.77	579.62				
11	20	JAN 73	579.87	579.79	579.56	579.76	579.75	579.51	579.78	579.71	579.71	580.19				
21	31	JAN 73	579.83	579.89	579.68	579.83	579.95	579.73	579.87	580.16	580.17	580.05	579.84	580.08	29 0022	580.93 4 0622 577.82
1	10	FEB 73	579.52	579.72	579.98	579.95	580.16	579.75	579.96	579.99	579.80	580.00				
11	20	FEB 73	579.80	579.74	579.72	579.88	580.08	580.06	579.78	579.58	579.65	579.85				
21	28	FEB 73	579.83	579.82	579.81	579.72	579.85	579.85	579.76	579.71	579.65		15 0143	580.43	2 0015	579.33
1	10	MAR 73	579.64	579.76	579.68	579.79	579.90	579.68	579.48	579.75	579.97	579.77				
11	20	MAR 73	579.53	579.70	579.87	579.80	579.37	580.43	582.13	580.78	580.41	580.40				
21	31	MAR 73	580.09	580.33	580.10	580.01	580.02	580.42	580.82	580.21	580.00	580.22	580.61	17 0927	583.57	15 1330 578.62
1	10	APR 73	580.39	580.19	580.36	580.57	580.28	580.28	580.91	581.27	581.62	580.65				
11	20	APR 73	580.17	580.47	580.47	580.27	580.06	579.62	580.27	580.36	580.33	580.20				
21	30	APR 73	580.47	580.13			580.54	580.58	580.90	580.76	580.48	580.56		9 1807	582.50	16 2005 579.00
1	10	MAY 73	580.16	580.02	580.22	580.78	580.73	580.61	580.42	580.41	580.54	580.42				
11	20	MAY 73	580.61	580.72	580.77	580.76	580.58	580.40	580.76	580.64	580.74	580.69				
21	31	MAY 73	580.64	580.70	580.74	580.82	580.91	580.60	580.80	581.00	580.67	581.08	580.91	580.71	1 0020	582.22 2 2400 579.62
1	10	JUN 73	580.87	580.90	580.64	580.78	580.77	580.81	580.67	580.58	580.99	580.76				
11	20	JUN 73	580.76	581.06	581.03	580.94	580.82	581.37	580.87	580.94	580.80	580.87				
21	30	JUN 73	580.86	580.87	580.97	580.96	580.98	580.92	580.66	580.72	580.84	580.85	580.93		16 1800	582.18 8 1800 580.17
1	10	JUL 73	580.91	580.86	581.00	581.05	581.03	580.93	580.85	580.96	581.02	581.10				
11	20	JUL 73	581.28	580.91	580.86	581.11	581.06	581.08	580.95	580.87	580.88	581.10				
21	31	JUL 73	580.96	581.20	581.12	581.02	580.86	580.88	580.82	580.48	580.88	580.89	580.76	580.89	11 0645	581.84 27 0500 580.00
1	10	AUG 73	581.06	581.19	581.07	580.99	580.79	580.87	580.79	580.73	580.80	580.88				
11	20	AUG 73	580.90	581.06	581.01	581.21	581.20	581.04	580.92	580.97	580.92	581.08				
21	31	AUG 73	580.96	581.56	581.10	580.77	580.99	580.84	580.86	580.75	580.88	580.80	580.85	580.80	21 1500	581.76 9 0300 580.30
1	10	SEP 73	580.84	580.83	580.85	580.68	580.75	580.90	580.91	581.01	581.01	580.58				
11	20	SEP 73	580.99	580.92	580.94	580.91	580.64	580.90	581.17	580.67	580.20	580.90				
21	30	SEP 73	580.73	580.53	580.20	580.69	580.64	580.28	580.42	580.54	580.56	580.80	580.62		17 2000	582.10 22 1100 579.62
1	10	OCT 73	580.55	580.45	580.48	580.54	580.57	580.60	580.49	580.53	580.42	580.38				
11	20	OCT 73	580.31	580.12	580.19	580.32	580.52	580.65	580.59	580.59	580.31	580.49				
21	31	OCT 73	580.45	580.25	580.27	580.26	580.23	579.95	580.39	580.54	580.99	580.97	580.65	580.24	29 1800	581.57 19 1300 579.75
1	10	NOV 73	579.59	580.29	580.47	580.42	580.14	580.34	580.00	579.68	580.46	580.07				
11	20	NOV 73	579.57	579.75	579.92	579.93	580.98	580.14	580.02	579.98	580.04	580.04				
21	30	NOV 73	580.06	579.29	579.84	580.02	580.10	580.40	580.02	579.90	580.25	579.76	580.24		15 1600	581.46 21 2300 578.27
1	10	DEC 73	580.17	579.70	579.70	580.41	579.02	579.62	580.04	579.97	579.91	579.67				
11	20	DEC 73	580.03	579.90	581.17	580.64	580.83	580.72	580.46	580.01	580.01	580.15				
21	31	DEC 73	579.97	580.13	579.53	580.09	579.81	579.36	579.93	579.45	579.53	579.36	579.90	579.96	13 1610	582.42 5 2328 577.88

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

ANNUAL SUMMARY OF LEVELS
HARRISVILLE, MI, ON LAKE HURON

YEARLY MEAN ELEVATION 580.10 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.87 AUG 1973
DAILY MEAN ELEVATION 581.09 21 AUG 1973
INSTANT/HOURLY ELEVATION 581.19 0300 21 AUG 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.97	2	JAN	1973
579.88	3	FEB	1973
580.25	19	MAR	1973
		APR	1973
		MAY	1973
		JUN	1973
580.87	29	JUL	1973
581.09	21	AUG	1973
580.93	7	SEP	1973
580.61	17	OCT	1973
580.47	6	NOV	1973
580.06	8	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.72 FEB 1973
DAILY MEAN ELEVATION 579.45 25 DEC 1973
INSTANT/HOURLY ELEVATION 579.20 0852 4 JAN 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.53	4	JAN	1973
579.45	1	FEB	1973
579.55	7	MAR	1973
		APR	1973
		MAY	1973
		JUN	1973
580.73	24	JUL	1973
580.77	24	AUG	1973
580.22	25	SEP	1973
580.18	25	OCT	1973
579.67	21	NOV	1973
579.45	25	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.20													0
581.00								1					1
580.80							9	25	6				41
580.60							4	5	7	1			58
580.40									13	7	2		80
580.20									4	21	8		114
580.00										2	6	4	128
579.80	14	6	1								13	20	182
579.60	15	21	11								1	6	236
579.40	2	1	4									1	244

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5059

no. of classes + 35

DAILY WATER LEVELS

HARRISVILLE, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME ELEV.	INSTANT DAY TIME ELEV.	HOURLY DAY TIME ELEV.	LOW DAY TIME ELEV.
1	10 JAN 73	579.84				
11	20 JAN 73	579.86				
21	31 JAN 73	579.80	579.77	579.57	579.80	579.93
			579.89	579.86	579.80	579.76
			579.76	20 0210	580.17	4 0852
						579.20
1	10 FEB 73	579.45				
11	20 FEB 73	579.70				
21	28 FEB 73	579.72	579.74	579.76	579.67	579.75
			579.75	579.70	579.67	579.65
						579.67
			3 1445	580.03	1 1100	579.32
1	10 MAR 73	579.67				
11	20 MAR 73	579.56				
21	31 MAR 73	579.77	579.66	579.60	579.69	579.66
			579.58	579.55	579.79	579.74
			579.62			579.62
			579.56	579.78	579.80	579.73
			579.68	579.99	580.05	580.16
			580.25			580.25
			17 1344	580.44	11 1410	579.32
1	10 APR 73					
11	20 APR 73					
21	30 APR 73					
1	10 MAY 73					
11	20 MAY 73					
21	31 MAY 73					
1	10 JUN 73					
11	20 JUN 73					
21	30 JUN 73					
1	10 JUL 73					
11	20 JUL 73					
21	31 JUL 73	580.81	580.81	580.81	580.74	580.73
			580.76	580.77	580.82	580.85
						580.83
						580.83
			580.87	580.84	580.81	27 2300
						581.01
						31 0500
						580.65
1	10 AUG 73	580.78				
11	20 AUG 73	580.94				
21	31 AUG 73	580.87	581.09	580.87	580.87	580.82
			580.79	580.77	580.78	580.89
			580.84	580.86	580.81	580.93
			580.81	21 0300	581.19	31 0147
						580.41
1	10 SEP 73	580.78				
11	20 SEP 73	580.84				
21	30 SEP 73	580.62	580.43	580.33	580.55	580.41
			580.22	580.35	580.41	580.42
			580.42	580.44	580.38	
						6 0010
						581.07
						22 0725
						579.81
1	10 OCT 73	580.34				
11	20 OCT 73	580.28				
21	31 OCT 73	580.35	580.30	580.28	580.28	580.18
			580.18	580.18	580.31	580.22
			580.23	580.23	580.21	580.28
			580.27	14 1600	580.86	13 2345
						579.84
1	10 NOV 73	580.23				
11	20 NOV 73	580.04				
21	30 NOV 73	580.09	579.67	579.99	579.98	579.95
			579.95	579.91	579.92	579.85
			579.97	579.95	579.95	579.97
			580.22	580.18		
						6 2300
						580.56
						21 2100
						579.47
1	10 DEC 73	579.99				
11	20 DEC 73	580.00				
21	31 DEC 73	579.87	579.89	579.85	579.88	579.62
			579.45	579.77	579.73	579.88
			579.71	579.98	579.86	
			4 1849	580.45	25 1315	579.29

ANNUAL SUMMARY OF LEVELS
MACKINAW CITY, MI. ON STRAITS OF MACKINAC

YEARLY MEAN ELEVATION 580.33 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 580.94 JUL 1973
DAILY MEAN ELEVATION 581.14 7 JUL 1973
INSTANT/HOURLY ELEVATION 581.47 2400 26 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.11	16	JAN	1973
579.90	11	FEB	1973
580.10	28	MAR	1973
580.49	17	APR	1973
580.88	31	MAY	1973
581.06	29	JUN	1973
581.14	7	JUL	1973
581.10	10	AUG	1973
581.01	5	SEP	1973
580.44	25	OCT	1973
580.34	1	NOV	1973
580.25	8	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.69 FEB 1973
DAILY MEAN ELEVATION 579.19 20 FEB 1973
INSTANT/HOURLY ELEVATION 578.97 1400 21 FEB 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.58	28	JAN	1973
579.19	20	FEB	1973
579.47	17	MAR	1973
580.00	9	APR	1973
580.40	4	MAY	1973
580.77	2	JUN	1973
580.79	23	JUL	1973
580.75	21	AUG	1973
580.41	29	SEP	1973
580.16	29	OCT	1973
579.85	28	NOV	1973
579.69	13	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.20													0
581.00						5	10	8	2				25
580.80					2	8	18	21	5				79
580.60					10	1	3	2	7				102
580.40				5	17				16	1			141
580.20				15	2					3	4	1	166
580.00				9						3	18	9	215
579.80	22	5	13	1							8	15	279
579.60	6	16	9									6	314
579.40	1	4	1										322
579.20		2											324
579.00		1											325

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5080

DAILY WATER LEVELS

MACKINAW CITY, MI, ON STRAITS OF MACKINAC

D(31)

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	580.00	579.96	579.95	579.94	579.86	579.78	579.87	579.85	579.80	579.97				
11	20	JAN 73	579.81	579.92	580.02	579.85	579.86	580.11	579.94	579.98	579.75	579.71				
21	31	JAN 73	579.87	579.80	579.88	579.82	579.93	579.94	579.88	579.82	579.58	579.81	579.79	579.91	16	0300 580.29 28 1900 579.28
1	10	FEB 73	579.88	579.76	579.80	579.78	579.78	579.84	579.78	579.77	579.84	579.76				
11	20	FEB 73	579.90	579.87	579.79	579.66	579.48	579.50	579.54	579.50	579.30	579.19				
21	28	FEB 73	579.69	579.37	579.80	579.74	579.65	579.69	579.68	579.78	579.79			1	2200 580.02 21 1400 578.97	
1	10	MAR 73	579.75	579.72	579.76	579.67	579.67	579.74	579.98	579.85	579.72	579.71				
11	20	MAR 73	579.90	579.88	579.93	579.91	580.02	579.87	579.47	579.70	579.88	579.88				
21	31	MAR 73	579.88	579.99	580.02	580.04	580.04	579.95	579.93	580.07	580.10	580.05	580.04	579.98	7	1000 580.48 17 2300 579.22
1	10	APR 73	580.02	580.14	580.15	580.05	580.25	580.23	580.08	580.10	580.00	580.09				
11	20	APR 73	580.32	580.15	580.31	580.38	580.41	580.44	580.49	580.29	580.20	580.31				
21	30	APR 73	580.26	580.47	580.48	580.36	580.36	580.32	580.33	580.27	580.30	580.33	580.28		16	1700 581.15 16 2000 579.44
1	10	MAY 73	580.40	580.56	580.58	580.40	580.46	580.47	580.51	580.56	580.63	580.72				
11	20	MAY 73	580.61	580.57	580.59	580.60	580.72	580.61	580.61	580.58	580.56	580.61				
21	31	MAY 73	580.59	580.58	580.57	580.56	580.56	580.56	580.63	580.49	580.68	580.75	580.81	580.88	31	0900 580.99 1 2400 580.22
1	10	JUN 73	580.83	580.77	580.83	580.90	580.91	580.88	580.90	580.99						
11	20	JUN 73														
21	30	JUN 73	580.93				580.88	581.00	581.04	581.02	581.06	581.03		24	2400 581.47 2 1400 580.46	
1	10	JUL 73	581.02	581.03	581.08	581.01	581.02	581.09	581.14	581.03	580.97	580.94				
11	20	JUL 73	580.96	581.04	581.00	580.95	580.88	580.91	580.96	580.99	580.92	580.81				
21	31	JUL 73	580.94	580.80	580.79	580.79	580.82	580.88	580.92	580.98	580.85	580.88	580.90	580.83	8	0300 581.28 31 0500 580.44
1	10	AUG 73	580.83	580.88	580.91	580.92	581.03	581.03	581.02	581.01	581.07	581.10				
11	20	AUG 73	581.03	580.99	580.97	580.86	580.91	580.93	580.93	580.91	581.01	580.79				
21	31	AUG 73	580.93	580.75	580.89	580.89	580.84	580.87	580.85	580.91	580.91	580.94	580.90	580.93	9	2000 581.30 20 2000 580.61
1	10	SEP 73	580.95	580.94	580.91	581.01	581.01	580.87	580.78	580.71	580.70	580.84				
11	20	SEP 73	580.63	580.62	580.58	580.59	580.55	580.47	580.49	580.60	580.63	580.42				
21	30	SEP 73	580.65	580.46	580.65	580.49	580.43	580.57	580.59	580.48	580.51	580.41	580.47		4	2000 581.21 22 2100 580.21
1	10	OCT 73														
11	20	OCT 73														
21	31	OCT 73	580.25				580.44	580.26	580.18	580.16	580.16	580.24	580.32	25	1100 580.60 29 1400 580.01	
1	10	NOV 73	580.34	580.27	580.11	580.16	580.10	580.08	580.24	580.12	580.01	580.05				
11	20	NOV 73	580.24	580.18	580.06	580.03	579.86	579.96	580.04	580.02	579.98	580.01				
21	30	NOV 73	580.07	580.19	580.18	580.01	579.92	579.98	580.05	580.00	579.85	580.12	579.94		29	2000 580.66 30 1500 579.54
1	10	DEC 73	579.94	580.14	580.05	579.90	580.09	579.97	580.15	580.25	580.04	580.00				
11	20	DEC 73	580.01	580.01	579.69	579.83	579.79	579.82	579.82	579.80	579.87	579.78				
21	31	DEC 73	579.93	579.76	580.05	579.73	579.82	579.99	579.85	579.99	580.03	579.92	579.85	579.83	22	1400 580.54 13 1900 579.48

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5080

ANNUAL SUMMARY OF LEVELS
DE TOUR, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.63 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.07 JAN 1973
DAILY MEAN ELEVATION 581.10 7 JUL 1973
INSTANT/HOURLY ELEVATION 581.28 2200 3 JUL 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
580.48	17	APR	1973
580.82	31	MAY	1973
581.04	29	JUN	1973
581.10	7	JUL	1973
581.06	10	AUG	1973
580.99	5	SEP	1973
580.54	14	OCT	1973
580.34	2	NOV	1973
580.23	8	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.86 DEC 1973
DAILY MEAN ELEVATION 579.62 14 DEC 1973
INSTANT/HOURLY ELEVATION 579.18 1944 13 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1973
		FEB	1973
		MAR	1973
579.74	10	APR	1973
580.33	1	MAY	1973
580.69	3	JUN	1973
580.73	21	JUL	1973
580.76	20	AUG	1973
580.39	29	SEP	1973
579.95	29	OCT	1973
579.74	28	NOV	1973
579.62	14	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.20													0
581.00						2	8	4					14
580.80					1	23	17	22	6				83
580.60					6	5	6	5	7				112
580.40				3	17				14	12			158
580.20				14	4				3	14	4	1	200
580.00				8						1	15	5	229
579.80				3						2	10	11	255
579.60				1							1	14	271

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5098

DAILY WATER LEVELS
DE TOUR, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME ELEV.	INSTANT/HOURLY DAY TIME ELEV.	LOW DAY TIME ELEV.
1	10	JAN 73													
11	20	JAN 73													
21	31	JAN 73													
1	10	FEB 73													
11	20	FEB 73													
21	28	FEB 73													
1	10	MAR 73													
11	20	MAR 73													
21	31	MAR 73													
1	10	APR 73		579.99	580.10	579.97	580.15	580.24	580.03	579.99	580.02	579.74			
11	20	APR 73		580.19	580.08	580.26	580.37	580.37	580.34	580.48	580.31	580.14	580.19		
21	30	APR 73	580.21	580.34	580.42	580.38	580.34	580.30	580.28	580.22	580.31	580.41	580.24	6 0838	580.95 10 1128 579.43
1	10	MAY 73		580.33	580.39	580.58	580.35	580.44	580.52	580.40	580.43	580.58	580.72		
11	20	MAY 73		580.59	580.53	580.61	580.57	580.65	580.58	580.66	580.57	580.46	580.54		
21	31	MAY 73	580.56	580.58	580.54	580.51	580.59				580.57	580.70	580.74	580.82 29 1840	580.99 2 0032 579.89
1	10	JUN 73		580.78	580.74	580.69	580.79	580.81	580.83	580.87	580.90	580.90	580.97		
11	20	JUN 73		580.92	580.88	580.91	580.92	580.91	580.86	580.79	580.87	580.86	580.92		
21	30	JUN 73	580.89	580.97	580.88	580.90	580.86	580.94	580.89	580.98	580.98	581.04	581.03	27 1400	581.19 3 0622 580.46
1	10	JUL 73		581.01	581.00	581.02	581.00	580.99	581.04	581.10	581.03	580.93	580.88		
11	20	JUL 73		580.90	581.03	580.92	580.94	580.83	580.87	580.90	580.90	580.87	580.78		
21	31	JUL 73	580.90	580.73	580.75	580.74	580.75	580.83	580.86	580.92	580.84	580.84	580.87	580.79 3 2200	581.28 31 0103 580.58
1	10	AUG 73		580.78	580.83	580.88	580.89	580.97	581.02	580.97	580.97	581.01	581.04		
11	20	AUG 73		581.02	580.94	580.94	580.81	580.86	580.88	580.84	580.87	580.94	580.76		
21	31	AUG 73	580.89	580.82	580.80	580.85	580.79	580.79	580.81	580.91	580.93	580.91	580.91	580.90 5 1129	581.22 20 1730 580.55
1	10	SEP 73		580.93	580.93	580.92	580.94	580.99	580.83	580.77	580.68	580.64	580.74		
11	20	SEP 73		580.63	580.64	580.53	580.51	580.52	580.46	580.43	580.51	580.63	580.40		
21	30	SEP 73	580.60	580.43	580.49	580.51	580.43	580.45	580.51	580.44	580.46	580.39	580.40	22 0531	581.08 22 1317 580.03
1	10	OCT 73		580.40	580.44	580.51	580.40	580.48	580.53	580.43	580.39	580.41	580.47		
11	20	OCT 73		580.48	580.53	580.53	580.54	580.34	580.35	580.49	580.27	580.39	580.22		
21	31	OCT 73	580.36	580.34	580.35	580.34	580.31	580.33	580.26	580.21	579.98	579.95	580.13	580.31 14 1352	580.97 29 0725 579.74
1	10	NOV 73		580.19	580.34	580.09	580.20	579.99	580.18	580.33	580.08	580.17	580.02		
11	20	NOV 73		580.23	580.21	580.08	579.99	579.88	579.85	580.05	580.03	579.93	580.04		
21	30	NOV 73	580.05	580.00	580.05	579.98	579.91	579.81	580.02	579.86	579.74	580.12	580.01	2 0337	580.60 28 1448 579.36
1	10	DEC 73		579.91	580.08	579.96	580.08	579.89	579.88	580.05	580.23	580.02	579.96		
11	20	DEC 73		579.98	579.99	579.66	579.62	579.67	579.65	579.66	579.77	579.80	579.65		
21	31	DEC 73	579.86	579.63	579.98	579.76	579.73	579.74	579.78	579.80	580.04	579.85	579.93	579.81 4 2115	580.50 13 1944 579.18

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5098

ANNUAL SUMMARY OF LEVELS
FRECHETTE POINT, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 580.91 IN 1973

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 581.71 AUG 1973
DAILY MEAN ELEVATION 582.11 5 SEP 1973
→ INSTANT/HOURLY ELEVATION 582.31 0800 22 SEP 1973

MONTHLY MEAN ELEVATION 580.31 MAR 1973
DAILY MEAN ELEVATION 579.85 17 MAR 1973
INSTANT/HOURLY ELEVATION 579.34 0430 18 MAR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
581.24	2	JAN	1973
580.55	28	FEB	1973
580.53	7	MAR	1973
580.94	17	APR	1973
581.11	31	MAY	1973
581.39	29	JUN	1973
581.58	12	JUL	1973
582.04	31	AUG	1973
582.11	5	SEP	1973
581.50	1	OCT	1973
581.05	21	NOV	1973
581.07	8	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.36	28	JAN	1973
580.02	15	FEB	1973
579.85	17	MAR	1973
579.96	10	APR	1973
580.32	4	MAY	1973
580.99	24	JUN	1973
581.20	15	JUL	1973
581.32	14	AUG	1973
581.51	30	SEP	1973
580.57	29	OCT	1973
580.07	10	NOV	1973
580.21	21	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
582.20-													0
582.00-								2	3				5
581.80-								9	5				19
581.60-								4	11				34
581.40-							10	8	10	2			64
581.20-	2					12	20	3		5			106
581.00-	10				3	17	1			4	1	2	146
580.80-	5			2	17	1				4	4	1	180
580.60-	5			7	7					2	12	7	220
580.40-	7	11	7	10	3					1	5	11	275
580.20-	2	15	20	7	1						5	8	333
580.00-		2	2	3							3		343
579.80-				1									346

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6050

DAILY WATER LEVELS

FRECHETTE POINT, MI. ON ST. MARYS RIVER

			MONTHLY MEANS											HIGH DAY TIME		INSTANT/HOURLY ELEV.		LOW DAY TIME		ELEV.	
1	10	JAN 73		581.22	581.24	581.09	580.93	581.11	581.11	580.93	581.01	581.04	581.19								
11	20	JAN 73		581.12	581.09	581.16	581.02	580.89	580.98	580.83	580.74	580.67	580.54								
21	31	JAN 73	580.83	580.56	580.49	580.54	580.67	580.72	580.66	580.53	580.34	580.39	580.56	580.49	2	1300	581.35	29	0105	580.18	
1	10	FEB 73		580.37	580.27	580.27	580.42	580.32	580.29	580.36	580.35	580.48	580.33								
11	20	FEB 73		580.41	580.43	580.32	580.27	580.02	580.10	580.42	580.49	580.48	580.37								
21	28	FEB 73	580.36	580.39	580.45	580.43	580.33	580.35	580.33	580.46	580.55			28	2350	580.69	16	0330	579.84		
1	10	MAR 73		580.50	580.43	580.39	580.32	580.40	580.33	580.53	580.49	580.41	580.23								
11	20	MAR 73		580.33	580.35	580.47	580.38	580.34	580.41	579.85	579.87	580.33	580.22								
21	31	MAR 73	580.31	580.24	580.34	580.40	580.32	580.19	580.12	580.32	580.32	580.27	580.22	580.32	7	1305	580.77	18	0430	579.34	
1	10	APR 73		580.20	580.20	580.37	580.20	580.38	580.53	580.33	580.23	580.45	579.96								
11	20	APR 73		580.44	580.24	580.50	580.70	580.73	580.87	580.94	580.71	580.57	580.68								
21	30	APR 73	580.48	580.69	580.65	580.53	580.48	580.54	580.54	580.31	580.27	580.59	580.63	17	1150	581.56	10	1535	579.66		
1	10	MAY 73		580.93	580.75	580.92	580.32	580.50	580.82	580.89	580.90	580.81	581.04								
11	20	MAY 73		580.71	580.54	580.59	580.71	580.97	580.70	580.84	580.90	580.75	580.74								
21	31	MAY 73	580.83	580.82	580.85	580.79	580.88	580.97	581.00	580.96	580.83	580.97	581.09	581.11	1	1720	581.41	16	1935	579.94	
1	10	JUN 73		581.02	581.05	581.12	581.07	581.18	581.10	581.15	581.19	581.01	581.01								
11	20	JUN 73		581.18	581.09	581.08	581.16	581.21	581.16	581.22	581.23	581.34	581.28								
21	30	JUN 73	581.17	581.27	581.06	581.08	580.99	581.26	581.32	581.39	581.31	581.39	581.35	27	1800	581.61	9	1600	580.74		
1	10	JUL 73		581.35	581.42	581.43	581.39	581.36	581.50	581.55	581.44	581.36	581.24								
11	20	JUL 73		581.24	581.58	581.34	581.30	581.20	581.35	581.44	581.45	581.36	581.26								
21	31	JUL 73	581.37	581.23	581.29	581.30	581.34	581.37	581.45	581.40	581.33	581.31	581.47	581.33	12	1910	581.82	10	1825	581.08	
1	10	AUG 73						581.58	581.57	581.53	581.57	581.61									
11	20	AUG 73		581.50	581.40	581.46	581.32	581.38	581.48	581.55	581.70	581.90	581.69								
21	31	AUG 73	581.71	581.76	581.88	581.98	581.94	581.93	581.90	581.91	581.94	581.98	582.00	582.04	20	0100	582.28	14	1800	581.83	
1	10	SEP 73		582.00	581.99	581.97	582.02	582.11		581.64	581.74	581.73	581.84								
11	20	SEP 73		581.67	581.71	581.69	581.65	581.63	581.54	581.58	581.62	581.81	581.54								
21	30	SEP 73	581.71	581.58	581.83	581.64	581.58	581.70	581.59	581.56	581.56	581.51	581.51	22	0800	582.31	11	1800	581.33		
1	10	OCT 73		581.50	581.41	581.36	581.22	581.07	581.22	581.09	581.06	581.10	581.19								
11	20	OCT 73		581.18	581.25	581.25	580.99														
21	31	OCT 73	581.08					580.83	580.94	580.77	580.57	580.68	580.92	1	0500	581.53	29	0900	580.81		
1	10	NOV 73		580.72	580.94	580.31	580.43	580.22	580.18	580.51	580.13	580.31	580.07								
11	20	NOV 73		580.33	580.73	580.82	580.65	580.55	580.41	580.65	580.77	580.61	580.84								
21	30	NOV 73	580.57	581.05	580.78	580.72	580.68	580.46	580.81	580.65	580.34	580.64	580.67	21	1235	581.38	8	1515	579.60		
1	10	DEC 73		580.63	581.07	580.67	580.71	580.70	580.48	580.74	581.07	580.93	580.60								
11	20	DEC 73		580.61	580.70	580.32	580.25	580.47			580.48	580.53	580.40								
21	31	DEC 73	580.55	580.21	580.60	580.34	580.35	580.42	580.35	580.36	580.59	580.50	580.44	580.46	2	1400	581.46	13	2400	579.93	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6050

MAY

581.00

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01-19

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81-99

581.00

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3

580.80

16

17

DOWN

ANNUAL SUMMARY OF LEVELS
U.S. SLIP, BELOW LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 581.28 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 582.42 SEP 1973
DAILY MEAN ELEVATION 582.80 5 SEP 1973
INSTANT/HOURLY ELEVATION 583.10 1054 5 SEP 1973

LOWEST

MONTHLY MEAN ELEVATION 580.52 MAR 1973
DAILY MEAN ELEVATION 579.96 18 MAR 1973
INSTANT/HOURLY ELEVATION 579.42 0405 18 MAR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
582.02	10	JAN	1973
580.98	1	FEB	1973
580.88	1	MAR	1973
581.11	17	APR	1973
581.28	31	MAY	1973
581.62	29	JUN	1973
581.85	12	JUL	1973
582.76	31	AUG	1973
582.80	5	SEP	1973
582.15	1	OCT	1973
581.48	21	NOV	1973
581.48	8	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.84	28	JAN	1973
580.43	15	FEB	1973
579.96	18	MAR	1973
580.12	10	APR	1973
580.49	4	MAY	1973
581.14	24	JUN	1973
581.53	15	JUL	1973
581.64	2	AUG	1973
582.21	30	SEP	1973
581.04	29	OCT	1973
580.56	6	NOV	1973
580.59	21	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
582.80									1				1
582.60								9	5				15
582.40								4	9				28
582.20								1	15				44
582.00	1									2			47
581.80	5						3	9		1			65
581.60	3					1	22	8		7			106
581.40	6					8	6			11	2	2	141
581.20	2				2	17				7	5	1	175
581.00	10			2	15	4				3	10	8	227
580.80	4	13	3	6	10						7	7	277
580.60		13	7	10	2						5	12	326
580.40		2	14	7	2						1	1	353
580.20			5	4									362
580.00				1									363
579.80			2										365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

DAILY WATER LEVELS

U.S. SLIP, BELOW LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME		INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME ELEV.	
1	10	JAN 73	581.55	581.58	581.44	581.28	581.46	581.72	581.71	581.88	581.91	582.02						
11	20	JAN 73	581.93	581.82	581.85	581.69	581.52	581.54	581.32	581.17	581.04	580.98						
21	31	JAN 73	581.39	581.04	581.01	581.04	581.17	581.19	581.13	581.00	580.84	580.94	581.16	581.08	10	2215	582.20	29 0105 580.65
1	10	FEB 73		580.98	580.76	580.70	580.84	580.76	580.75	580.81	580.83	580.91	580.74					
11	20	FEB 73		580.81	580.86	580.70	580.69	580.43	580.50	580.80	580.83	580.81	580.71					
21	28	FEB 73	580.77	580.76	580.84	580.85	580.71	580.75	580.75	580.86	580.95			28	2335	581.12	16 0400 580.16	
1	10	MAR 73		580.88	580.82	580.77	580.66	580.78	580.70	580.82	580.70	580.62	580.43					
11	20	MAR 73		580.51	580.55	580.66	580.58	580.50	580.56	579.98	579.96	580.46	580.37					
21	31	MAR 73	580.52	580.39	580.51	580.60	580.47	580.33	580.28	580.49	580.49	580.45	580.38	580.51	7	1300	581.06	18 0405 579.42
1	10	APR 73		580.35	580.38	580.57	580.43	580.56	580.69	580.47	580.36	580.62	580.12					
11	20	APR 73		580.59	580.40	580.67	580.86	580.86	581.04	581.11	580.84	580.74	580.82					
21	30	APR 73	580.65	580.84	580.80	580.68	580.64	580.76	580.72	580.52	580.44	580.76	580.85		17	1015	581.87	10 1545 579.74
1	10	MAY 73		581.10	580.88	581.09	580.49	580.60	580.94	581.08	581.08	580.89	581.17					
11	20	MAY 73		580.85	580.65	580.69	580.87	581.14	580.88	581.02	581.07	580.90	580.87					
21	31	MAY 73	580.98	580.97	581.01	580.95	581.07	581.17	581.17	581.13	581.03	581.05	581.28	581.28	1	2000	581.60	4 1900 580.16
1	10	JUN 73		581.17	581.20	581.30	581.22	581.37	581.29	581.34	581.36	581.16	581.37					
11	20	JUN 73		581.37	581.28	581.28	581.35	581.40	581.34	581.38	581.39	581.58	581.45					
21	30	JUN 73	581.37	581.46	581.27	581.26	581.14	581.47	581.56	581.60	581.54	581.62	581.57		17	1450	581.93	9 1540 580.72
1	10	JUL 73		581.59	581.69	581.72	581.62	581.65	581.77	581.81	581.74	581.65	581.55					
11	20	JUL 73		581.54	581.85	581.69	581.63	581.53	581.64	581.75	581.79	581.69	581.59					
21	31	JUL 73	581.68	581.56	581.62	581.62	581.67	581.67	581.76	581.76	581.70	581.64	581.82	581.69	18	1118	582.10	15 1729 581.24
1	10	AUG 73		581.68	581.64	581.68	581.71	581.89	581.90	581.91	581.90	581.92	581.96					
11	20	AUG 73		581.86	581.77	581.80	581.68	581.72	581.82	581.95	582.22	582.45	582.44					
21	31	AUG 73	582.16	582.46	582.58	582.72	582.68	582.65	582.60	582.60	582.65	582.68	582.72	582.76	20	0202	582.94	1 1715 581.18
1	10	SEP 73		582.69	582.69	582.66	582.72	582.80	582.64	582.56	582.47	582.46	582.56					
11	20	SEP 73		582.44	582.44	582.40	582.35	582.36	582.25	582.29	582.32	582.51	582.25					
21	30	SEP 73	582.42	582.24	582.51	582.34	582.26	582.33	582.27	582.26	582.25	582.22	582.21		5	1054	583.10	11 1720 581.96
1	10	OCT 73		582.15	582.03	581.92	581.76	581.55	581.67	581.53	581.50	581.52	581.61					
11	20	OCT 73		581.63	581.70	581.70	581.46	581.34	581.11	581.50	581.34	581.65	581.33					
21	31	OCT 73	581.51	581.49	581.51	581.48	581.48	581.51	581.25	581.38	581.23	581.04	581.13	581.36	1	0600	582.38	15 2153 580.58
1	10	NOV 73		581.16	581.42	580.71	580.76	580.62	580.56	580.92	580.66	580.90	580.67					
11	20	NOV 73		580.97	581.22	581.22	581.07	581.00	580.85	581.08	581.18	581.04	581.25					
21	30	NOV 73	581.01	581.48	581.24	581.14	581.11	580.91	581.22	581.09	580.81	581.04	581.11		21	1305	581.82	8 1614 580.00
1	10	DEC 73		581.04	581.46	581.09	581.14	581.13	580.90	581.14	581.48	581.36	581.02					
11	20	DEC 73		581.02	581.12	580.75	580.62	580.76	580.71	580.78	580.86	580.91	580.84					
21	31	DEC 73	580.92	580.59	580.94	580.68	580.68	580.75	580.69	580.71	580.92	580.84	580.77	580.80	2	1455	582.00	14 0735 580.24

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

ANNUAL SUMMARY OF LEVELS
S.W. PIER, ABOVE LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 600.98 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.60 AUG 1973
DAILY MEAN ELEVATION 602.48 16 OCT 1973
INSTANT/HOURLY ELEVATION 603.08 0318 14 OCT 1973

LOWEST

MONTHLY MEAN ELEVATION 600.18 FEB 1973
DAILY MEAN ELEVATION 599.74 31 JAN 1973
INSTANT/HOURLY ELEVATION 598.68 2105 20 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.93	5	JAN	1973
600.47	2	FEB	1973
600.84	18	MAR	1973
600.97	28	APR	1973
601.49	16	MAY	1973
601.54	29	JUN	1973
601.70	28	JUL	1973
602.16	20	AUG	1973
602.07	6	SEP	1973
602.48	16	OCT	1973
602.07	5	NOV	1973
601.14	30	DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.74	31	JAN	1973
599.85	11	FEB	1973
599.88	6	MAR	1973
600.22	15	APR	1973
600.44	1	MAY	1973
600.88	3	JUN	1973
601.26	17	JUL	1973
601.43	26	AUG	1973
600.77	25	SEP	1973
601.06	24	OCT	1973
600.55	21	NOV	1973
600.34	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.60													0
602.40										1			1
602.20													1
602.00								1	3	1	3		9
601.80								2		2	1		14
601.60							3	9	6	1	3		36
601.40					1	7	16	19	13	5	3		100
601.20					4	11	12	4	4	17	4		152
601.00					16	10			3	4	8	5	198
600.80	2		1	2	6	2					5	13	229
600.60	3		1	9	3				1		2	10	258
600.40	4	1	11	11	1						1	2	289
600.20	15	12	7	8								1	332
600.00	6	10	7										355
599.80		5	4										364
599.60	1												365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6070

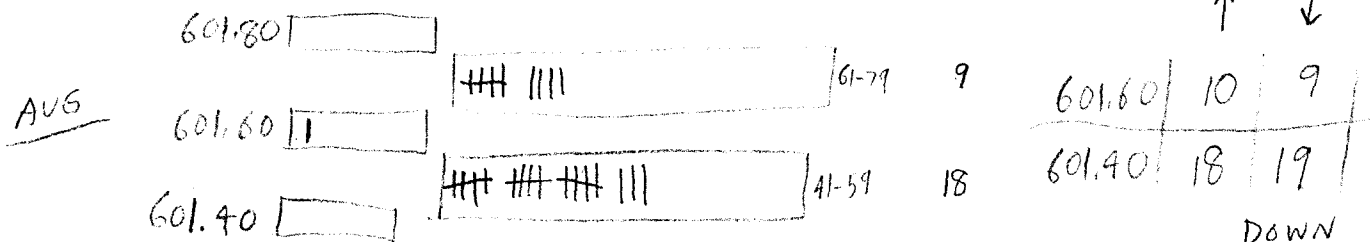
DAILY WATER LEVELS

S.W. PIER, ABOVE LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

DAY	MONTH	MONTHLY MEANS														HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	600.77	600.34	600.10	600.86	600.93	600.34	600.32	600.36	600.63	600.53							
11	20	JAN 73	600.51	600.34	600.28	600.31	600.31	600.23	600.25	600.20	600.78	600.32							
21	31	JAN 73	600.36	600.07	600.13	600.60	600.20	600.29	600.20	600.22	600.51	600.32	600.30	599.74	4	1500	601.49	31	1245 599.39
1	10	FEB 73	599.96	600.47	600.36	600.38	600.07	600.24	600.36	600.34	600.35	600.23							
11	20	FEB 73	599.85	599.89	600.12	600.28	600.34	600.19	600.09	600.16	600.25	600.17							
21	28	FEB 73	600.18	600.36	600.03	600.29	600.18	600.08	600.01	599.95	599.92				2	2340	600.79	1	1705 599.18
1	10	MAR 73	600.08	599.99	600.01	600.16	599.92	599.88	599.89	600.32	600.11	600.12							
11	20	MAR 73	600.21	600.48	600.17	600.09	600.58	600.54	600.78	600.84	600.59	600.52							
21	31	MAR 73	600.32	600.49	600.38	600.31	600.36	600.49	600.47	600.22	600.29	600.53	600.54	600.45	17	2100	601.35	14	1205 598.72
1	10	APR 73	600.37	600.58	600.62	600.63	600.45	600.54	600.51	600.48	600.25	600.60							
11	20	APR 73	600.41	600.65	600.36	600.23	600.22	600.51	600.49	600.44	600.33	600.23							
21	30	APR 73	600.53	600.35	600.66	600.77	600.71	600.70	600.70	600.92	600.97	600.70	600.57		16	1810	601.79	20	2105 598.68
1	10	MAY 73	600.44	600.69	601.14	601.20	600.98	600.71	600.63	600.87	600.97	601.13							
11	20	MAY 73	601.17	601.39	601.32	601.22	600.93	601.49	601.14	600.92	601.06	601.16							
21	31	MAY 73	601.05	601.14	601.08	601.13	601.07	600.92	601.02	601.06	601.16	601.25	601.08	601.12	16	1050	602.24	2	0755 599.63
1	10	JUN 73	601.16	600.98	600.88	601.10	601.06	601.15	601.19	601.08	601.23	601.14							
11	20	JUN 73	601.28	601.33	601.31	601.27	601.25	601.24	601.11	601.18	601.12	601.30							
21	30	JUN 73	601.25	601.41	601.47	601.46	601.45	601.24	601.26	601.33	601.53	601.54	601.48		10	1755	602.88	10	1925 598.82
1	10	JUL 73	601.41	601.28	601.37	601.45	601.42	601.26	601.32	601.51	601.42	601.56							
11	20	JUL 73	601.47	601.26	601.47	601.56	601.54	601.38	601.26	601.34	601.53	601.62							
21	31	JUL 73	601.44	601.54	601.46	601.36	601.29	601.34	601.34	601.62	601.70	601.57	601.46	601.59	9	1918	602.30	6	1324 600.10
1	10	AUG 73	601.63	601.67	601.60	601.48	601.44	601.44	601.50	601.56	601.58	601.68							
11	20	AUG 73	601.77	601.78	601.74	601.81	601.69	601.52	601.54	601.54	601.45	602.16							
21	31	AUG 73	601.60	601.81	601.61	601.65	601.56	601.47	601.43	601.49	601.47	601.52	601.52	601.50	20	0456	602.88	5	0728 600.18
1	10	SEP 73	601.46	601.54	601.53	601.54	601.68	602.07	602.01	601.72	601.66	601.72							
11	20	SEP 73	602.06	601.76	601.54	601.50	601.64	601.47	601.34	601.45	601.52	601.49							
21	30	SEP 73	601.50	601.12	601.24	601.42	601.04	600.77	601.19	601.49	601.34	601.44	601.26		6	1205	602.60	22	0445 599.66
1	10	OCT 73	601.25	601.32	601.38	601.58	601.53	601.26	601.36	601.26	601.13	601.14							
11	20	OCT 73	601.30	601.32	601.59	601.84	602.11	602.48	601.83	601.62	601.29	601.48							
21	31	OCT 73	601.43	601.29	601.28	601.40	601.06	601.32	601.52	601.26	601.18	601.29	601.39	601.36	14	0318	603.08	10	0450 600.26
1	10	NOV 73	601.74	601.68	602.05	601.79	602.07	602.06	601.42	601.96	601.48	601.40							
11	20	NOV 73	601.17	601.18	600.89	601.30	601.10	601.19	601.06	600.91	601.07	600.67							
21	30	NOV 73	601.29	600.55	601.13	601.11	600.98	600.90	600.77	600.95	601.49	601.32	601.30		8	0925	602.82	21	1002 599.60
1	10	DEC 73	600.93	600.59	601.11	600.97	600.87	601.12	600.84	600.65	600.83	601.14							
11	20	DEC 73	600.83	600.91	600.88	600.73	600.69	600.74	600.74	600.75	600.62	600.84							
21	31	DEC 73	600.82	600.84	600.72	600.81	600.34	600.52	600.78	600.70	600.88	601.12	601.14	600.94	29	1804	602.02	24	1507 599.74

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6070



580.00 1 01-19 JAN 81-99 DOWN

580.00	16	15
579.80	10	11

ANNUAL SUMMARY OF LEVELS
LUDINGTON, MI. ON LAKE MICHIGAN
YEARLY MEAN ELEVATION 580.58 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.21 JUN 1973
DAILY MEAN ELEVATION 581.39 17 JUN 1973
INSTANT/HOURLY ELEVATION 581.76 1900 16 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.36	22	JAN	1973
580.44	1	FEB	1973
580.43	15	MAR	1973
580.92	10	APR	1973
581.34	28	MAY	1973
581.39	17	JUN	1973
581.27	3	JUL	1973
581.25	9	AUG	1973
581.10	1	SEP	1973
580.99	28	OCT	1973
580.66	21	NOV	1973
580.74	5	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 580.03 JAN 1973
DAILY MEAN ELEVATION 579.76 2 JAN 1973
INSTANT/HOURLY ELEVATION 579.53 0800 2 JAN 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.76	2	JAN	1973
579.92	24	FEB	1973
579.93	18	MAR	1973
580.34	17	APR	1973
580.53	5	MAY	1973
581.11	1	JUN	1973
581.02	29	JUL	1973
580.90	21	AUG	1973
580.52	19	SEP	1973
580.22	16	OCT	1973
579.86	6	NOV	1973
579.77	30	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20					1	15	7	4					27
581.00					6	15	24	22	4				98
580.80				1	11			5	5	2			122
580.60				8	11				17	12	1	1	172
580.40		1	1	15	2				4	14	3	2	214
580.20	3	3	16	6						3	13	14	272
580.00	15	13	10								9	12	331
579.80	11	11	4								4	1	362
579.60	2											1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

JUN

581.20	15	12
581.00	15	18

UP

581.20 21-39 01-19

580.80 | 6 | 5 | DOWN
580.60 | 16 | 17 |

580.80 | 81-99
SEP
61-79

DAILY WATER LEVELS
LUDINGTON, MI. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS	HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10 JAN 73	579.99	579.74	580.06	580.36	579.83
11	20 JAN 73	579.79	579.84	580.02	580.03	580.01
21	31 JAN 73	580.03	580.12	580.36	580.09	579.99
1	10 FEB 73	580.44	580.25	579.96	580.05	580.18
11	20 FEB 73	580.07	580.09	580.10	580.18	580.21
21	28 FEB 73	580.06	579.95	579.98	580.06	579.92
1	10 MAR 73	580.02	580.02	580.06	579.97	580.15
11	20 MAR 73	580.37	580.17	580.15	580.35	580.43
21	31 MAR 73	580.20	580.23	580.19	580.26	580.25
1	10 APR 73	580.68	580.58	580.45	580.50	580.39
11	20 APR 73	580.51	580.51	580.38	580.39	580.53
21	30 APR 73	580.56	580.71	580.59	580.54	580.55
1	10 MAY 73	580.98	580.91	580.63	580.58	580.53
11	20 MAY 73	580.78	580.74	580.67	580.76	580.79
21	31 MAY 73	580.86	580.84	580.89	580.91	580.87
1	10 JUN 73	581.11	581.17	581.30	581.15	581.16
11	20 JUN 73	581.19	581.14	581.12	581.14	581.20
21	30 JUN 73	581.21	581.18	581.20	581.19	581.26
1	10 JUL 73	581.22	581.27	581.27	581.18	581.19
11	20 JUL 73	581.07	581.18	581.20	581.08	581.09
21	31 JUL 73	581.15	581.12	581.09	581.15	581.18
1	10 AUG 73	581.24	581.15	581.09	581.08	581.13
11	20 AUG 73	581.14	581.09	581.12	581.15	581.07
21	31 AUG 73	581.09	580.90	581.02	580.94	581.00
1	10 SEP 73	581.10	581.05	581.07	581.09	580.92
11	20 SEP 73	580.59	580.64	580.74	580.76	580.69
21	30 SEP 73	580.76	580.64	580.82	580.58	580.71
1	10 OCT 73	580.74	580.84	580.69	580.73	580.55
11	20 OCT 73	580.79	580.77	580.72	580.42	580.49
21	31 OCT 73	580.59	580.43	580.41	580.43	580.57
1	10 NOV 73	580.45	580.25	580.14	580.17	580.23
11	20 NOV 73	580.13	580.10	580.30	580.21	580.30
21	30 NOV 73	580.22	580.66	580.29	580.24	580.40
1	10 DEC 73	580.20	580.32	580.31	580.24	580.74
11	20 DEC 73	580.24	580.24	580.32	580.41	580.33
21	31 DEC 73	580.22	580.08	580.07	580.01	580.22

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

JUN
581.00 - 581.19 | 15 | 18
581.20 - 581.39 | 15 | 12

ANNUAL SUMMARY OF LEVELS
HOLLAND, MI. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.46 IN 1973

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 581.04 JUN 1973
DAILY MEAN ELEVATION 581.24 17 JUN 1973
INSTANT/HOURLY ELEVATION 581.59 0340 17 JUN 1973

V(32)
V(1)-V(31)

MONTHLY MEAN ELEVATION 579.90 JAN 1973
DAILY MEAN ELEVATION 579.53 16 JAN 1973
INSTANT/HOURLY ELEVATION 579.40 1515 16 JAN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

V(33)-V(35)

ELEV.	DAY	MONTH	YEAR
580.32	28	JAN	1973
580.34	15	FEB	1973
580.40	17	MAR	1973
581.06	10	APR	1973
581.19	28	MAY	1973
581.24	17	JUN	1973
581.16	31	JUL	1973
581.15	1	AUG	1973
580.88	3	SEP	1973
581.04	28	OCT	1973
580.39	1	NOV	1973
580.57	5	DEC	1973

FROM V(1)-V(31)

LOWEST DAILY MEAN
FOR EACH MONTH

V(36)-V(38)

ELEV.	DAY	MONTH	YEAR
579.53	16	JAN	1973
579.72	28	FEB	1973
579.81	8	MAR	1973
580.13	17	APR	1973
580.42	5	MAY	1973
580.92	10	JUN	1973
580.82	12	JUL	1973
580.74	28	AUG	1973
580.42	19	SEP	1973
580.20	17	OCT	1973
579.79	29	NOV	1973
579.70	30	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
11 581.40													0
10 581.20						1							1
9 581.00				1	2	18	9	6		1			38
8 580.80					8	11	22	21	4	1			105
7 580.60				3	13			2	17	6			146
6 580.40				14	8				9	13		3	193
5 580.20	2	3	9	11						9	12	4	243
4 580.00	6	4	12	1						1	13	15	295
3 579.80	15	18	10								4	7	349
2 579.60	7	3									1	2	362
1 579.40	1												363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

F(K, 12)

$$\left[\frac{579.40}{.2} \right] \times .2 = 579.40 = X_0$$

$$\left[\frac{581.59}{.2} \right] \times .2 = 581.40 = X_1$$

DAILY WATER LEVELS

HOLLAND, MI, ON LAKE MICHIGAN

MONTHLY MEANS			V(1) — V(31)											HIGH DAY TIME ELEV.		INSTANT/HOURLY DAY TIME ELEV.		LOW DAY TIME ELEV.	
1	10	JAN 73	V(32)	579.93	579.62	579.86	580.23	579.76	579.91	579.98	580.09	579.94	579.73	35 34	V(33)	32 38	V(36)		
11	20	JAN 73		579.82	579.65	579.78	579.89	579.81	579.53	579.74	579.79	580.04	579.90						
21	31	JAN 73	579.90	579.97	580.17	580.03	579.83	579.84	579.93	580.15	580.32	579.91	579.86	580.01	28 0853	580.62	16 1515 579.40		
1	10	FEB 73		580.26	580.27	579.83	579.97	580.05	580.11	579.95	579.93	579.86	579.90						
11	20	FEB 73		579.81	579.82	579.89	580.11	580.34	580.09	579.82	579.80	579.74	579.91						
21	28	FEB 73	579.94	579.94	579.84	579.99	579.81	579.88	579.88	579.82	579.72			2 1431	580.60	28 1628	579.52		
1	10	MAR 73		579.81	579.89	579.90	579.87	580.01	580.03	579.90	579.81	579.98	580.03						
11	20	MAR 73		580.05	580.00	579.94	580.15	580.16	580.12	580.40	579.94	580.02	580.32						
21	31	MAR 73	580.09	580.18	580.08	580.14	580.17	580.26	580.32	580.21	580.26	580.28	580.31	580.29	31 2335	580.74	8 0845 579.64		
1	10	APR 73		580.58	580.52	580.42	580.58	580.27	580.34	580.65	580.60	580.72	581.04						
11	20	APR 73		580.39	580.52	580.29	580.21	580.26	580.36	580.13	580.38	580.57	580.58						
21	30	APR 73	580.47	580.50	580.38	580.43	580.43	580.53	580.53	580.50	580.31	580.39	580.70		10 0300	581.38	17 1050 579.87		
1	10	MAY 73		580.78	580.72	580.60	580.52	580.42	580.57	580.73	580.85	580.60	580.58						
11	20	MAY 73		580.62	580.66	580.61	580.66	580.59	580.65	580.56	580.69	580.85	580.68						
21	31	MAY 73	580.73	580.68	580.78	580.84	580.75	580.92	580.90	580.97	581.19	581.01	580.91	580.83	27 2237	581.39	6 0025 580.91		
1	10	JUN 73		580.94	581.02	581.08	580.98	580.97	580.95	580.92	580.95	580.95	580.92						
11	20	JUN 73		580.98	581.06	580.96	580.98	581.01	581.08	581.24	581.14	581.19	581.07						
21	30	JUN 73	581.04	581.04	581.06	581.07	581.13	581.04	581.13	581.12	581.16	581.12	581.09		17 0340	581.59	8 1515 580.70		
1	10	JUL 73		581.08	581.08	581.03	580.99	581.00	580.95	580.88	580.92	581.04	581.07						
11	20	JUL 73		580.91	580.82	580.97	580.88	580.98	580.91	580.91	580.87	580.89	581.02						
21	31	JUL 73	580.96	581.00	580.95	580.98	580.97	580.89	580.90	580.91	580.95	580.88	580.99	581.16	2 1430	581.36	12 1330 580.34		
1	10	AUG 73		581.15			580.93	580.93	580.92	580.98	581.08	581.06	581.00						
11	20	AUG 73		580.99	580.97	580.96	581.12	580.97	580.97	581.03	580.97	580.99	580.98						
21	31	AUG 73	580.94	580.89	580.90	580.81	580.89	580.87	580.88	580.86	580.74	580.79	580.82	580.88	19 2220	581.39	30 1125 580.55		
1	10	SEP 73		580.86	580.86	580.88	580.86	580.75	580.66	580.63	580.71	580.77	580.58						
11	20	SEP 73		580.55	580.53	580.67	580.66	580.62	580.66	580.67	580.52	580.42	580.58						
21	30	SEP 73	580.66	580.47	580.67	580.54	580.61	580.72	580.60	580.63	580.62	580.69	580.66		22 1017	581.11	21 1825 580.11		
1	10	OCT 73		580.68	580.72	580.60	580.69	580.47	580.52	580.62	580.66	580.64	580.60						
11	20	OCT 73		580.60	580.51	580.56	580.27	580.50	580.26	580.20	580.52	580.40	580.49						
21	31	OCT 73	580.51	580.36	580.34	580.32	580.37	580.38	580.31	580.46	581.04	580.89	580.48	580.43	28 1847	581.34	17 0122 579.95		
1	10	NOV 73		580.39	580.26	580.12	580.19	580.28	579.87	580.01	580.05	579.98	580.09						
11	20	NOV 73		579.98	579.95	580.14	580.02	580.32	580.33	580.01	580.25	580.25	580.10						
21	30	NOV 73	580.15	580.34	580.11	580.08	580.31	580.33	580.19	580.30	580.28	579.79	580.04		24 2300	580.78	29 2100 579.57		
1	10	DEC 73		580.10	580.04	580.11	580.16	580.57	580.51	580.12	579.86	580.16	580.30						
11	20	DEC 73		580.12	580.14	580.48	580.32	580.34	580.25	580.06	579.98	580.04	580.13						
21	31	DEC 73	580.11	579.98	579.84	579.97	579.99	580.19	580.08	580.13	579.76	580.02	579.70	579.96	13 1705	580.86	30 1422 579.49		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

H1 = M9
L0 = M0

ANNUAL SUMMARY OF LEVELS
CALUMET HARBOR, S. CHICAGO, ILL. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.49 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.07 JUN 1973
DAILY MEAN ELEVATION 581.35 28 MAY 1973
INSTANT/HOURLY ELEVATION 581.91 1000 16 MAY 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
581.09	28	JAN	1973
580.97	15	FEB	1973
581.15	17	MAR	1973
581.25	10	APR	1973
581.35	28	MAY	1973
581.32	17	JUN	1973
581.32	21	JUL	1973
		AUG	1973
		SEP	1973
581.22	29	OCT	1973
580.74	15	NOV	1973
581.31	13	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.93 JAN 1973
DAILY MEAN ELEVATION 579.22 16 JAN 1973
INSTANT/HOURLY ELEVATION 578.94 1300 22 DEC 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.22	16	JAN	1973
579.66	18	FEB	1973
579.84	7	MAR	1973
580.10	17	APR	1973
580.57	2	MAY	1973
580.86	8	JUN	1973
580.74	12	JUL	1973
		AUG	1973
		SEP	1973
580.18	14	OCT	1973
579.74	11	NOV	1973
579.54	28	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20				1	3	2	8			1		1	16
581.00	1		1	2	4	22	12			1			59
580.80		1		3	9	6	7						85
580.60		1	3	8	12		1			4	1	2	117
580.40		3	6	10	3					5	6	3	153
580.20	4	6	10	5						8	7	7	200
580.00	7	6	4	1						1	9	11	239
579.80	9	6	3								4	4	265
579.60	6	3									3	1	278
579.40	3											2	283
579.20	1												284

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

DAILY WATER LEVELS

CALUMET HARBOR, S. CHICAGO, ILL. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	579.61	579.61	579.89	579.88	579.80	580.08	580.16	580.23	579.92	579.43				
11	20	JAN 73	579.77	579.49	579.46	579.84	579.93	579.22	579.62	579.78	580.02	580.20				
21	31	JAN 73	579.93	580.20	580.24	579.97	579.89	579.82	580.03	580.30	581.09	580.24	579.84	580.17	28	1800 581.62 16 1900 579.00
1	10	FEB 73	580.45	580.52	579.94	580.10	580.40	580.33	580.22	580.21	579.94	580.08				
11	20	FEB 73	579.91	579.98	580.10	580.37	580.97	580.65	579.84	579.66	579.67	579.96				
21	28	FEB 73	580.16	580.17	579.78	580.08	580.06	580.32	580.43					15	1300 581.22 22 1000 579.23	
1	10	MAR 73					580.32	580.26	579.84	579.93	580.26	580.26				
11	20	MAR 73	579.95	580.02	580.10	580.19	580.01	580.43	581.15	580.36	580.25	580.59				
21	31	MAR 73	580.35	580.47	580.36	580.29	580.40	580.65	580.68	580.42	580.40	580.47	580.49	580.77	17	0900 581.79 7 0800 579.39
1	10	APR 73	580.77	580.57	580.53	580.90	580.41	580.39	580.90	581.07	581.17	581.25				
11	20	APR 73	580.53	580.72	580.45	580.29	580.29	580.25	580.10	580.52	580.74	580.68				
21	30	APR 73	580.62	580.42	580.31	580.49	580.61	580.77	580.78	580.77	580.50	580.59	580.87		10	0700 581.73 17 0800 579.71
1	10	MAY 73	580.77	580.57	580.61	580.71	580.60	580.72	580.91	580.88	580.66	580.59				
11	20	MAY 73	580.67	580.78	580.78	580.81	580.64	580.75	580.69	580.81	581.04	580.80				
21	31	MAY 73	580.85	580.81	580.95	581.00	580.92	580.96	581.06	581.25	581.35	581.24	581.10	580.88	16	1000 581.91 2 0900 580.06
1	10	JUN 73	581.01	581.15	581.17	581.04	581.04	581.04	580.94	580.86	580.99	580.94				
11	20	JUN 73	580.96	581.08	581.04	581.06	581.05	580.99	581.32	581.20	581.18	581.05				
21	30	JUN 73	581.07	581.03	581.08	581.03	581.18	581.09	581.12	581.11	581.19	581.19	581.09		17	1100 581.91 16 1900 580.21
1	10	JUL 73		581.25	581.12	581.08	581.05	581.00	580.88	580.96	581.13	581.25				
11	20	JUL 73	581.23	580.74	580.90	581.02	581.21	581.14	581.06	580.97	581.02	581.24				
21	31	JUL 73	581.07	581.32	581.22	581.25	581.12	581.03	580.96	580.86	581.01	580.95		21	0200 581.51 12 1000 579.91	
1	10	AUG 73														
11	20	AUG 73														
21	31	AUG 73														
1	10	SEP 73														
11	20	SEP 73														
21	30	SEP 73														
1	10	OCT 73														
11	20	OCT 73		580.46	580.37	580.18	580.49	580.45	580.25	580.61	580.30	580.64				
21	31	OCT 73	580.50	580.42	580.38	580.36	580.36	580.27	580.37	580.62	581.14	581.22	580.71	580.45	29	1800 581.40 19 0900 579.63
1	10	NOV 73	580.24	580.34	580.32	580.39	580.37	579.97	579.93	579.98	580.19	580.17				
11	20	NOV 73	579.74	579.76	580.05	580.19	580.74	580.44	579.94	580.20	580.41	580.36				
21	30	NOV 73	580.20	580.16	580.01	580.19	580.43	580.43	580.33	580.41	580.58	579.76	580.05		15	1600 581.41 29 1900 579.00
1	10	DEC 73	580.23	579.94	580.01	580.40	580.14	580.42	580.20	579.83	580.07	580.24				
11	20	DEC 73	580.09	580.23	581.31	580.73	580.70	580.56	580.33	580.17	580.34	580.49				
21	31	DEC 73	580.19	580.15	579.56	580.09	580.28	580.12	580.13	579.84	579.54	579.85	579.75	580.14	13	1300 581.76 22 1300 578.94

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

ANNUAL SUMMARY OF LEVELS
MILWAUKEE, WISC. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.55 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.09 JUN 1973
DAILY MEAN ELEVATION 581.36 9 APR 1973
INSTANT/HOURLY ELEVATION 581.82 1600 9 APR 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.44	28	JAN	1973
580.47	15	FEB	1973
580.58	31	MAR	1973
581.36	9	APR	1973
581.30	28	MAY	1973
581.28	17	JUN	1973
581.21	23	JUL	1973
581.20	1	AUG	1973
580.90	17	SEP	1973
581.17	28	OCT	1973
580.50	15	NOV	1973
580.82	13	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.93 JAN 1973
DAILY MEAN ELEVATION 579.55 10 JAN 1973
INSTANT/HOURLY ELEVATION 579.33 0400 16 JAN 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.65	10	JAN	1973
579.79	19	FEB	1973
579.89	8	MAR	1973
580.19	17	APR	1973
580.54	5	MAY	1973
580.98	9	JUN	1973
580.90	27	JUL	1973
580.83	28	AUG	1973
580.50	19	SEP	1973
580.21	16	OCT	1973
579.82	29	NOV	1973
579.72	30	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20				1	2	3	1	1					8
581.00				1	4	25	21	18		1			78
580.80				3	9	2	9	12	13	5		1	132
580.60				5	14				14	7		1	173
580.40	1	2	5	13	2				3	12	4	4	219
580.20	4	5	14	6						6	12	10	276
580.00	6	9	9	1							10	9	320
579.80	11	11	3								4	5	354
579.60	7	1										1	363
579.40	2												365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

DAILY WATER LEVELS

MILWAUKEE, WISC. ON LAKE MICHIGAN

HIGH INSTANT/HOURLY LOW
DAY TIME ELEV. DAY TIME ELEV.

DAY	MONTH	MONTHLY MEANS											HIGH	INSTANT/HOURLY	LOW
													DAY TIME ELEV.	DAY TIME ELEV.	DAY TIME ELEV.
1	10	JAN 73	579.62	579.62	580.06	579.97	579.69	579.97	580.10	580.14	579.83	579.55			
11	20	JAN 73	579.67	579.64	579.75	579.89	579.80	579.57	579.81	579.94	579.91	580.05			
21	31	JAN 73	579.93	580.23	580.32	579.97	579.91	579.90	580.05	580.25	580.44	580.03	579.94	580.36	21 2000 580.67 16 0400 579.33
1	10	FEB 73	580.46	580.31	579.87	580.10	580.34	580.23	580.02	579.98	579.95	580.04			
11	20	FEB 73	580.05	580.04	580.13	580.31	580.47	580.27	579.91	579.83	579.79	579.94			
21	28	FEB 73	580.07	579.94	579.91	580.04	580.00	580.18	580.10	579.97	579.87			15 1100 580.71 22 0900 579.66	
1	10	MAR 73	579.96	580.01	580.01	580.00	580.22	580.21	580.03	579.89	580.17	580.23			
11	20	MAR 73	580.21	580.06	580.12	580.29	580.19	580.26	580.52	580.09	580.14	580.45			
21	31	MAR 73	580.23	580.35	580.25	580.26	580.33	580.46	580.36	580.39	580.37	580.36	580.58	31 2000 580.90 7 1100 579.64	
1	10	APR 73	580.75	580.56	580.47	580.67	580.37	580.42	580.83	580.84	581.36	581.11			
11	20	APR 73	580.50	580.55	580.39	580.35	580.43	580.39	580.19	580.46	580.70	580.72			
21	30	APR 73	580.58	580.49	580.34	580.50	580.49	580.62	580.59	580.55	580.40	580.57	580.83		9 1600 581.82 22 0900 579.84
1	10	MAY 73	580.92	580.72	580.54	580.61	580.54	580.75	580.94	580.96	580.69	580.68			
11	20	MAY 73	580.68	580.74	580.70	580.76	580.70	580.73	580.67	580.87	580.93	580.77			
21	31	MAY 73	580.84	580.78	580.90	580.91	580.89	581.02	581.02	581.20	581.30	581.12	581.05	580.95	28 1200 581.53 17 0100 580.38
1	10	JUN 73	581.02	581.14	581.22	581.08	581.05	581.02	581.04	581.02	580.98	580.99			
11	20	JUN 73	581.01	581.05	581.00	581.05	581.11	581.12	581.28	581.17	581.21	581.08			
21	30	JUN 73	581.09	581.02	581.04	581.10	581.10	581.08	581.17	581.13	581.12	581.12	581.12		3 1000 581.65 9 1200 580.79
1	10	JUL 73	581.13	581.17	581.09	581.04	581.04	581.01	580.94	580.99	581.08	581.08			
11	20	JUL 73	581.02	580.94	581.01	580.98	581.01	581.03	581.04	580.99	580.97	581.15			
21	31	JUL 73	581.05	581.16	581.16	581.21	581.16	581.06	581.01	580.90	580.92	580.94	581.06	581.15	30 2300 581.37 12 0800 580.51
1	10	AUG 73	581.20	581.17	581.18	581.15	581.07	580.98	580.99	581.06	581.00	580.91			
11	20	AUG 73	580.93	580.92	581.00	581.15	581.08	581.08	581.12	581.05	581.06	580.96			
21	31	AUG 73	581.02	581.05	581.07	580.98	581.07	581.07	581.06	580.96	580.83	580.85	580.85	580.91	1 1400 581.32 29 2000 580.68
1	10	SEP 73	580.90	580.90	580.89	580.86	580.68	580.65	580.68	580.83	580.81	580.58			
11	20	SEP 73	580.56	580.64	580.79	580.75	580.63	580.84	580.90	580.66	580.50	580.75			
21	30	SEP 73	580.75	580.86	580.80	580.63	580.83	580.87	580.70	580.70	580.71	580.82	580.87		21 2200 581.34 19 1100 580.32
1	10	OCT 73	580.87	580.86	580.75	580.84	580.58	580.72	580.80	580.82	580.80	580.75			
11	20	OCT 73	580.75	580.57	580.47	580.25	580.40	580.21	580.26	580.50	580.44	580.51			
21	31	OCT 73	580.60	580.45	580.41	580.43	580.53	580.40	580.34	580.63	581.17	580.92	580.57	580.46	28 1300 581.44 14 0900 580.05
1	10	NOV 73	580.26	580.27	580.17	580.22	580.20	579.88	580.05	579.90	580.03	580.14			
11	20	NOV 73	579.99	580.01	580.21	580.24	580.50	580.33	580.14	580.33	580.36	580.37			
21	30	NOV 73	580.20	580.44	580.11	580.18	580.43	580.46	580.35	580.34	580.24	579.82	580.02		25 0900 581.01 29 1700 579.43
1	10	DEC 73	580.27	580.25	580.12	580.48	580.46	580.40	580.21	579.95	580.18	580.19			
11	20	DEC 73	580.16	580.24	580.82	580.60	580.62	580.47	580.28	580.19	580.27	580.26			
21	31	DEC 73	580.22	580.05	579.87	580.12	580.39	580.32	580.17	580.05	579.81	579.87	579.72	579.95	13 0800 581.19 30 0500 579.47

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

ANNUAL SUMMARY OF LEVELS
STURGEON BAY CANAL, WISC. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.47 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.08 JUN 1973
DAILY MEAN ELEVATION 581.26 19 JUN 1973
INSTANT/HOURLY ELEVATION 581.48 0700 19 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.35	22	JAN	1973
580.42	1	FEB	1973
580.30	28	MAR	1973
580.81	10	APR	1973
581.24	28	MAY	1973
581.26	19	JUN	1973
581.18	2	JUL	1973
581.22	1	AUG	1973
		SEP	1973
581.08	28	OCT	1973
580.51	21	NOV	1973
580.65	5	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.91 JAN 1973
DAILY MEAN ELEVATION 579.59 30 DEC 1973
INSTANT/HOURLY ELEVATION 579.43 1300 5 JAN 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.59	11	JAN	1973
579.81	21	FEB	1973
579.90	18	MAR	1973
580.20	17	APR	1973
580.46	3	MAY	1973
580.94	9	JUN	1973
580.92	14	JUL	1973
580.87	28	AUG	1973
		SEP	1973
580.26	17	OCT	1973
579.77	6	NOV	1973
579.59	30	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20					1	3		1					5
581.00					1	23	25	19		1			74
580.80				1	12	4	6	11					108
580.60				5	14					2		1	130
580.40		1		15	3					6	1	1	157
580.20	2		10	8						6	12	8	203
580.00	6	9	4	1							11	13	247
579.80	17	14	3								5	6	292
579.60	4										1	1	298
579.40	2											1	301

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

DAILY WATER LEVELS

STURGEON BAY CANAL, WISC. ON LAKE MICHIGAN

HIGH INSTANT/HOURLY LOW
DAY TIME ELEV. DAY TIME ELEV.

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME ELEV.	INSTANT/HOURLY DAY TIME ELEV.	LOW DAY TIME ELEV.
1	10	JAN 73	579.65	579.66	580.06	580.08	579.60	579.90	579.99	580.02	579.82	579.66			
11	20	JAN 73	579.59	579.71	579.83	579.89	579.90	579.82	579.86	580.02	579.89	579.89			
21	31	JAN 73	579.91	580.10	580.35	579.96	579.92	579.94	579.98	580.17	579.92	579.95	579.86	580.31	4 0200 580.58 5 1300 579.43
1	10	FEB 73	580.42	580.09	579.89	579.90	580.14	580.16	579.83	579.88	579.88	579.91			
11	20	FEB 73	580.12	580.07	580.04	580.07	580.01	580.01	579.90	579.85	579.83	579.90			
21	28	FEB 73	579.97	579.81	579.92	579.93	579.82							1 0700 580.64 21 1100 579.52	
1	10	MAR 73						579.99	580.11	580.05	579.90	579.99	580.19		
11	20	MAR 73						580.21	580.28	580.30	580.24	580.27	580.27	31 2400 580.49 18 2400 579.74	
21	31	MAR 73	580.17	580.22	580.19	580.23	580.23	580.22							
1	10	APR 73	580.70	580.46	580.33	580.40	580.37	580.30	580.47	580.54	580.80	580.81			
11	20	APR 73	580.45	580.42	580.35	580.34	580.44	580.43	580.20	580.37	580.60	580.69			
21	30	APR 73	580.47	580.61	580.42	580.43	580.48	580.52	580.51	580.42	580.32	580.41	580.65	9 2200 581.23 17 1200 580.08	
1	10	MAY 73	580.92	580.81	580.46	580.57	580.50	580.64	580.84	580.92	580.76	580.64			
11	20	MAY 73	580.67	580.70	580.67	580.72	580.74	580.61	580.43	580.80	580.86	580.75			
21	31	MAY 73	580.79	580.75	580.79	580.81	580.82	580.99	580.91	581.04	581.24	580.99	580.94	580.91 28 0900 581.47 16 2200 580.32	
1	10	JUN 73	580.96	581.07	581.23	581.07	581.07	581.01	581.07	581.07	580.94	581.06			
11	20	JUN 73	581.03	580.99	580.99	581.04	581.08	581.06	581.19	581.21	581.26	581.11			
21	30	JUN 73	581.08	581.03	581.04	581.04	581.04	581.09	581.15	581.14	581.15	581.17	581.14	19 0700 581.48 12 0100 580.65	
1	10	JUL 73	581.11	581.18	581.07	581.04	581.06	581.08	581.01	580.94	581.06	581.03			
11	20	JUL 73	581.04	581.06	581.02	580.92	581.00	581.00	581.02	580.97	580.99	581.00			
21	31	JUL 73	581.04	581.07	581.08	581.10	581.12	581.06	581.08	580.94	580.93	581.00	581.06	581.10 2 1200 581.36 28 0600 580.75	
1	10	AUG 73	581.22	581.18	581.10	581.09	581.04	580.99	581.03	581.08	581.09	581.01			
11	20	AUG 73	580.95	580.95	581.02	581.09	581.07	581.06	581.10	581.06	581.09	580.89			
21	31	AUG 73	581.03	580.97	581.07	580.92	581.02	581.02	581.05	580.99	580.87	580.88	580.91	580.97 1 0900 581.30 20 1800 580.70	
1	10	SEP 73													
11	20	SEP 73													
21	30	SEP 73													
1	10	OCT 73							580.26	580.43	580.43	580.36			
11	20	OCT 73							580.61	581.08	580.69	580.47	580.41 28 0900 581.21 17 1900 580.06		
21	31	OCT 73	580.47	580.36	580.37	580.38	580.48	580.44	580.29						
1	10	NOV 73	580.30	580.22	580.05	580.14	580.07	579.77	580.03	579.81	579.82	580.10			
11	20	NOV 73	580.02	580.00	580.24	580.06	580.27	580.22	580.08	580.23	580.23	580.29			
21	30	NOV 73	580.12	580.51	580.03	580.12	580.37	580.30	580.29	580.05	579.82	579.86		21 0800 580.75 8 2400 579.54	
1	10	DEC 73	580.16	580.27	580.14	580.23	580.65	580.26	580.14	579.93	580.12	580.11			
11	20	DEC 73	580.17	580.11	580.22	580.38	580.35	580.22	580.14	580.14	580.15	580.08			
21	31	DEC 73	580.12	580.00	579.92	579.91	580.26	580.42	580.02	580.18	579.80	579.83	579.59	579.89 5 0200 580.98 30 1300 579.43	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

ANNUAL SUMMARY OF LEVELS
GREEN BAY, WISC. ON LAKE MICHIGAN (GREEN BAY)

YEARLY MEAN ELEVATION 580.49 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.02 JUN 1973
DAILY MEAN ELEVATION 582.24 9 APR 1973
INSTANT/HOURLY ELEVATION 583.62 1400 9 APR 1973

LOWEST

MONTHLY MEAN ELEVATION 579.78 JAN 1973
DAILY MEAN ELEVATION 579.32 1 JAN 1973
INSTANT/HOURLY ELEVATION 578.90 2200 28 JAN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.27	31	JAN	1973
580.43	1	FEB	1973
580.61	31	MAR	1973
582.24	9	APR	1973
581.04	26	MAY	1973
581.41	16	JUN	1973
581.28	21	JUL	1973
581.39	1	AUG	1973
580.95	29	SEP	1973
582.12	28	OCT	1973
		NOV	1973
		DEC	1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.32	1	JAN	1973
579.61	21	FEB	1973
579.69	8	MAR	1973
579.66	17	APR	1973
580.20	3	MAY	1973
580.83	10	JUN	1973
580.74	27	JUL	1973
580.72	29	AUG	1973
580.33	19	SEP	1973
580.02	16	OCT	1973
		NOV	1973
		DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
582.40													0
582.20				1									1
582.00										1			2
581.80													2
581.60													2
581.40						1							3
581.20							3	2					8
581.00				3	1	14	8	9		1			44
580.80					7	15	18	15	10	3			112
580.60			1	2	12		2	5	7	7			148
580.40		1	1	2	4				6	4			166
580.20	2		6	3	3				1	12			193
580.00	4	4	13	9	1					3			227
579.80	6	10	7	5									255
579.60	13	13	3	3									287
579.40	4			1									292
579.20	2												294

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

DAILY WATER LEVELS

GREEN BAY, WISC. ON LAKE MICHIGAN (GREEN BAY)

													HIGH		INSTANT/HOURLY		LOW				
DAY	MONTH	MONTHLY MEANS											DAY TIME	ELEV.	DAY TIME	ELEV.					
1	10	JAN 73	579.32	579.48	580.01	579.86	579.41	579.70	579.85	579.86	579.68	579.55									
11	20	JAN 73	579.37	579.58	579.79	579.80	579.78	579.78	579.85	580.01	579.68	579.71									
21	31	JAN 73	579.78	580.05	580.26	579.77	579.75	579.77	579.90	580.11	579.70	579.84	579.70	580.27	31	2400	580.66	28	2200	578.90	
1	10	FEB 73	580.43	579.95	579.72	579.77	580.05	580.07	579.74	579.65	579.72	579.72									
11	20	FEB 73	580.03	580.01	579.99	579.98	579.73	579.81	579.84	579.74	579.68	579.74									
21	28	FEB 73	579.84	579.61	579.82	579.74	579.67	579.81	579.82	579.82	579.86			1	1100	580.98	21	1100	579.07		
1	10	MAR 73	579.80	579.85	579.89	579.71	580.01	580.06	580.03	579.69	579.93	580.08									
11	20	MAR 73	580.24	579.90	579.97	580.29	580.17	580.16	580.50	579.89	579.92	580.39									
21	31	MAR 73	580.10	580.20	580.08	580.11	580.16	580.31	580.25	580.16	580.20	580.25	580.19	580.61	31	2100	581.22	8	0300	578.95	
1	10	APR 73	581.13	580.61	580.41	580.71	580.21	580.12	581.11	581.17	582.24										
11	20	APR 73	579.93	580.09	579.79	579.74	579.99	579.82	579.56	580.00	580.31	580.29									
21	30	APR 73	580.28	580.11	579.79	580.07	580.05	580.18	580.14	580.11	579.93	580.04	580.52			9	1400	583.62	17	1100	578.93
1	10	MAY 73	580.74	580.66	580.20	580.35	580.27	580.40	580.62	580.78	580.43	580.41									
11	20	MAY 73	580.60	580.69	580.66	580.65	580.55	580.64	580.66	580.82	580.90	580.71									
21	31	MAY 73	580.67	580.74	580.82	580.81	580.86	581.00	581.04			580.85	580.79	16	0500	582.98	16	2300	579.15		
1	10	JUN 73	581.03	581.18	581.16	581.02	580.93	580.92	581.00	580.96	580.83	580.83									
11	20	JUN 73	580.94	580.93	580.93	580.97	580.99	581.41	581.20	581.17	581.13	580.86									
21	30	JUN 73	581.02	580.89	580.99	581.05	581.01	580.98	581.07	581.01	581.09	581.05	581.06			16	1800	582.00	9	2100	580.85
1	10	JUL 73	580.98	581.09	580.96	580.97	580.94	580.90	580.74	580.89	581.01	581.18									
11	20	JUL 73	580.94	580.81	580.96	580.95	580.99	580.92	580.83	580.85	580.98	581.28									
21	31	JUL 73	580.99	581.28	581.20	581.16	581.10	581.03	580.92	580.74	580.98	580.92	581.02	581.26	21	0100	581.81	12	0900	579.60	
1	10	AUG 73	581.39	581.16	581.02	580.98	580.85	580.83	580.94	581.05	580.93	580.79									
11	20	AUG 73	580.86	580.88	580.97	581.23	581.05	580.97	581.08	581.04	580.96	580.95									
21	31	AUG 73	580.96	581.08	580.91	580.79	581.03	580.98	581.06	580.88	580.75	580.72	580.76	580.86	1	2300	581.54	30	1400	580.37	
1	10	SEP 73	580.84	580.79	580.86	580.91															
11	20	SEP 73	580.55	580.58	580.76	580.81	580.69	580.84	580.75	580.47	580.33	580.57									
21	30	SEP 73	580.72	580.81	580.55	580.57	580.85	580.82	580.73	580.69	580.69	580.95	580.81			15	2200	581.57	19	0900	579.69
1	10	OCT 73	580.84	580.87	580.69	580.78	580.40	580.53	580.68	580.74	580.79	580.69									
11	20	OCT 73	580.67	580.27	580.22	580.09	580.26	580.02	580.12	580.42	580.36	580.32									
21	31	OCT 73	580.54	580.23	580.32	580.36	580.43	580.29	580.38	580.90	582.12	581.04	580.44	580.39	28	0800	582.94	14	0100	579.01	
1	10	NOV 73																			
11	20	NOV 73																			
21	30	NOV 73																			
1	10	DEC 73																			
11	20	DEC 73																			
21	31	DEC 73																			

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

ANNUAL SUMMARY OF LEVELS
PORT INLAND, MI. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.42 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 581.01 JUN 1973
DAILY MEAN ELEVATION 581.22 19 JUN 1973
INSTANT/HOURLY ELEVATION 581.93 0135 9 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.23	4	JAN	1973
580.27	1	FEB	1973
580.27	28	MAR	1973
580.71	21	APR	1973
580.97	28	MAY	1973
581.22	19	JUN	1973
581.14	7	JUL	1973
581.16	5	AUG	1973
581.14	4	SEP	1973
580.81	12	OCT	1973
580.66	21	NOV	1973
580.50	5	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 579.89 FEB 1973
DAILY MEAN ELEVATION 579.54 18 MAR 1973
INSTANT/HOURLY ELEVATION 579.14 2135 17 MAR 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.63	11	JAN	1973
579.66	15	FEB	1973
579.54	18	MAR	1973
580.12	4	APR	1973
580.40	4	MAY	1973
580.85	1	JUN	1973
580.84	28	JUL	1973
580.65	21	AUG	1973
580.40	11	SEP	1973
580.00	16	OCT	1973
579.76	6	NOV	1973
579.57	30	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
581.40													0
581.20						1							1
581.00						14	16	13	2				46
580.80					7	15	15	16	5	1			105
580.60				3	16			2	13	6	1		146
580.40				7	7				9	11		1	181
580.20	2	1	6	15	1				1	11	4	4	226
580.00	6	3	11	5						1	15	11	278
579.80	14	15	10							1	6	12	336
579.60	9	9	3								4	2	363
579.40			1									1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7096

DAILY WATER LEVELS
PORT INLAND, MI. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.				
1	10	JAN	73	579.78	579.76	580.04	580.23	579.63	579.80	579.95	579.92	579.90	579.83				
11	20	JAN	73	579.63	579.90	580.03	579.91	579.96	580.12	579.96	580.10	579.78	579.74				
21	31	JAN	73	579.91	579.96	580.22	579.84	579.88	579.94	579.99	580.03	579.68	579.86	579.73	580.16	4 0450	580.74 20 0118 579.21
1	10	FEB	73	580.27	579.89	579.84	579.83	579.99	580.09	579.79	579.80	579.88	579.88				
11	20	FEB	73	580.16	580.07	579.96	579.78	579.66	579.74	580.00	579.96	579.92	579.89				
21	28	FEB	73	579.89	579.72	579.86	579.84	579.70	579.75	579.79	579.92	579.94			1 1708	580.69 21 1344 579.27	
1	10	MAR	73	579.85	579.84	579.91	579.70	579.91	579.95	580.25	579.80	579.88	579.96				
11	20	MAR	73	580.25	579.97	580.02	580.21	580.24	579.85	579.61	579.54	579.82	580.02				
21	31	MAR	73	580.01	580.11	580.12	580.17	580.16	580.11	580.10	580.23	580.27	580.13	580.16	580.10	7 1019	581.04 17 2135 579.14
1	10	APR	73	580.32	580.24	580.16	580.12	580.26	580.19	580.23	580.23	580.17	580.44				
11	20	APR	73	580.33	580.21	580.31	580.40	580.53	580.62	580.41	580.37	580.48	580.63				
21	30	APR	73	580.36	580.71	580.52	580.40	580.38	580.42	580.40	580.25	580.19	580.31	580.49		20 2200	581.22 9 1618 579.86
1	10	MAY	73	580.86	580.80	580.47	580.40	580.45	580.59	580.75	580.80	580.67	580.77				
11	20	MAY	73	580.65	580.60	580.57	580.67	580.81	580.54	580.59	580.78	580.77	580.65				
21	31	MAY	73	580.70	580.64	580.67	580.68	580.64	580.84	580.80	580.74	580.97	580.82	580.87	580.90	28 0640	581.42 2 0402 579.79
1	10	JUN	73	580.85	580.90	581.10	580.91	580.96	580.96	580.94	580.98	580.86	581.04				
11	20	JUN	73	581.02	580.94	580.89	580.96	581.02	580.99	581.16	581.04	581.22	581.12				
21	30	JUN	73	581.01	581.04	580.97	580.94	581.02	580.96	581.15	581.11	581.06	581.06	581.08		9 0135	581.93 11 2035 580.83
1	10	JUL	73	581.05	581.11	581.10	580.98	581.00	581.14	581.14	581.01	581.03	580.98				
11	20	JUL	73	580.94	581.08	581.06	580.90	580.91	580.92	581.03	580.98	580.91	580.84				
21	31	JUL	73	580.99	580.87	580.86	580.98	581.03	581.00	581.05	581.00	580.84	580.90	581.01	580.97	6 1300	581.54 12 1838 580.60
1	10	AUG	73	580.97	580.93	580.95	581.00	581.16	581.08	581.09	581.11	581.15	581.10				
11	20	AUG	73	580.99	580.98	581.00	580.98	580.98	581.04	581.04	580.99	581.14	580.69				
21	31	AUG	73	580.98	580.65	580.98	580.85	580.90	580.96	580.94	581.04	580.90	580.96	580.92	581.00	8 1730	581.61 20 1915 580.21
1	10	SEP	73	581.01	580.98	580.97	581.14	580.88	580.66	580.63	580.71	580.75	580.79				
11	20	SEP	73	580.40	580.51	580.67	580.72	580.58	580.57	580.64	580.63	580.41	580.44				
21	30	SEP	73	580.68	580.62	580.85	580.46	580.72	580.90	580.74	580.50	580.57	580.45	580.62		22 0340	581.82 19 2110 579.95
1	10	OCT	73	580.61	580.67	580.58	580.53	580.47	580.57	580.59	580.64	580.67	580.69				
11	20	OCT	73	580.67	580.81	580.53	580.30	580.32	580.00	580.20	580.32	580.51	580.29				
21	31	OCT	73	580.47	580.40	580.43	580.37	580.56	580.56	580.24	580.40	580.57	580.37	580.29	580.33	13 1720	581.28 16 0315 579.61
1	10	NOV	73	580.35	580.16	580.00	580.09	580.03	579.76	579.95	579.77	579.78	580.08				
11	20	NOV	73	580.15	580.13	580.23	580.07	579.98	580.06	579.99	580.16	580.09	580.16				
21	30	NOV	73	580.08	580.66	580.15	580.09	580.13	580.20	580.22	580.21	579.91	579.89	579.80		21 1835	581.59 14 2245 579.34
1	10	DEC	73	580.09	580.37	580.15	579.88	580.50	580.02	580.20	580.27	580.23	580.00				
11	20	DEC	73	580.07	580.10	579.73	580.01	579.98	579.96	579.89	579.84	580.02	579.93				
21	31	DEC	73	580.02	579.83	580.03	579.68	580.12	580.36	579.87	580.18	579.87	579.95	579.57	579.83	5 1231	581.19 13 0714 579.18

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7096

ANNUAL SUMMARY OF LEVELS
PT. IRONBIS, BRIMLEY, MI. ON LAKE SUPERIOR (WHITEFISH BAY)

YEARLY MEAN ELEVATION 601.16 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.83 SEP 1973
DAILY MEAN ELEVATION 602.38 16 OCT 1973
INSTANT/HOURLY ELEVATION 602.73 0400 20 AUG 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.04	5	JAN	1973
600.71	2	FEB	1973
600.89	18	MAR	1973
600.94	28	APR	1973
601.42	16	MAY	1973
601.60	29	JUN	1973
601.83	28	JUL	1973
602.31	20	AUG	1973
602.28	6	SEP	1973
602.38	16	OCT	1973
602.02	5	NOV	1973
601.38	10	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.40 FEB 1973
DAILY MEAN ELEVATION 600.05 31 JAN 1973
INSTANT/HOURLY ELEVATION 599.51 1100 14 MAR 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.05	31	JAN	1973
600.10	11	FEB	1973
600.13	7	MAR	1973
600.29	14	APR	1973
600.67	1	MAY	1973
600.97	3	JUN	1973
601.42	17	JUL	1973
601.60	6	AUG	1973
601.25	25	SEP	1973
601.32	24	OCT	1973
600.87	21	NOV	1973
600.67	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.40													0
602.20								1	3	1			5
602.00								1	4	1	1		12
601.80							1	13	11	4	5		46
601.60							14	14	8	6	2		90
601.40					1	6	16	2	3	18	6		142
601.20					5	19			1	1	10	6	184
601.00	1				17	4					4	14	224
600.80	8		2	2	5	1					2	10	254
600.60	8	1	3	13	3							1	283
600.40	12	12	12	12									331
600.20	1	12	11	3									358
600.00	1	3	3										365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

DAILY WATER LEVELS

PT. IRROQUOIS, BRIMLEY, MI. ON LAKE SUPERIOR (WHITEFISH BAY)

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 73	600.99	600.73	600.51	601.00	601.04	600.81	600.74	600.78	601.00	600.89				
11	20	JAN 73	600.86	600.68	600.63	600.65	600.61	600.54	600.52	600.47	600.95	600.60				
21	31	JAN 73	600.67	600.39	600.48	600.84	600.51	600.59	600.51	600.53	600.77	600.60	600.57	600.05	1 1100	601.89 31 1700 599.80
1	10	FEB 73	600.29	600.71	600.58	600.60	600.34	600.51	600.60	600.58	600.60	600.44				
11	20	FEB 73	600.10	600.13	600.30	600.46	600.48	600.36	600.29	600.33	600.42	600.35				
21	28	FEB 73	600.40	600.53	600.26	600.48	600.38	600.29	600.24	600.21	600.20			2 2200	600.96 1 0200 599.90	
1	10	MAR 73	600.31	600.22	600.24	600.34	600.18	600.15	600.13	600.45	600.28	600.28				
11	20	MAR 73	600.39	600.59	600.32	600.27	600.67	600.63	600.87	600.89	600.67	600.60				
21	31	MAR 73	600.44	600.56	600.47	600.41	600.44	600.53	600.92	600.30	600.38	600.57	600.57	600.53	17 2000	601.25 14 1100 599.51
1	10	APR 73	600.52	600.65	600.67	600.69	600.48	600.58	600.58	600.57	600.44	600.66				
11	20	APR 73	600.45	600.63	600.43	600.29	600.30	600.61	600.52	600.52	600.45	600.34				
21	30	APR 73	600.59	600.45	600.70	600.77	600.74	600.73	600.74	600.91	600.94	600.72	600.69		16 1800	601.21 20 2000 599.69
1	10	MAY 73	600.67	600.81	601.19	601.15	600.96	600.78	600.78	600.99	601.03	601.15				
11	20	MAY 73	601.16	601.33	601.26	601.21	600.98	601.42	601.17	601.00	601.12	601.15				
21	31	MAY 73	601.10	601.15	601.14	601.17	601.14	601.04	601.12	601.15	601.25	601.26	601.11	601.20	16 1000	601.80 1 1400 600.32
1	10	JUN 73	601.18	601.06	600.97	601.15	601.15	601.21	601.27	601.22	601.27	601.35				
11	20	JUN 73	601.29	601.36	601.36	601.30	601.32	601.33	601.23	601.26	601.22	601.32				
21	30	JUN 73	601.31	601.37	601.44	601.42	601.39	601.33	601.32	601.44	601.56	601.60	601.52		10 1600	602.19 9 2200 600.59
1	10	JUL 73	601.52	601.47	601.50	601.59	601.58	601.47	601.47	601.63	601.54	601.70				
11	20	JUL 73	601.61	601.47	601.61	601.70	601.68	601.54	601.42	601.57	601.68	601.72				
21	31	JUL 73	601.60	601.66	601.63	601.52	601.46	601.50	601.51	601.75	601.83	601.68	601.67	601.79	28 1000	602.04 4 1200 601.86
1	10	AUG 73	601.79	601.80	601.75	601.60	601.63	601.60	601.68	601.70	601.79	601.81				
11	20	AUG 73	601.91	601.90	601.89	601.94	601.84	601.74	601.78	601.78	601.78	602.31				
21	31	AUG 73	601.82	602.09	601.91	601.97	601.88	601.80	601.83	601.84	601.78	601.82	601.82	601.79	20 0400	602.73 8 1500 601.16
1	10	SEP 73	601.74	601.84	601.85	601.83	602.03	602.28	602.24	602.03	601.95	602.00				
11	20	SEP 73	602.26	602.05	601.86	601.85	601.96	601.83	601.73	601.77	601.89	601.81				
21	30	SEP 73	601.83	601.50	601.65	601.78	601.42	601.25	601.57	601.81	601.73	601.78	601.63		6 1000	602.56 22 0300 600.86
1	10	OCT 73	601.57	601.65	601.62	601.81	601.73	601.53	601.57	601.52	601.44	601.44				
11	20	OCT 73	601.54	601.54	601.82	601.94	602.16	602.38	601.92	601.78	601.55	601.66				
21	31	OCT 73	601.65	601.51	601.50	601.60	601.32	601.54	601.68	601.51	601.52	601.54	601.57	601.54	16 0800	602.71 19 1000 600.27
1	10	NOV 73	601.82	601.81	601.95	601.80	602.02	601.90	601.51	601.90	601.64	601.48				
11	20	NOV 73	601.33	601.37	601.20	601.43	601.35	601.40	601.23	601.17	601.30	600.98				
21	30	NOV 73	601.44	600.87	601.29	601.31	601.25	601.17	601.04	601.21	601.58	601.43	601.50		8 0900	602.38 21 0900 600.38
1	10	DEC 73	601.19	600.91	601.33	601.22	601.20	601.36	601.08	600.91	601.09	601.38				
11	20	DEC 73	601.09	601.19	601.19	601.02	600.98	600.99	601.00	601.01	600.91	601.07				
21	31	DEC 73	601.07	601.05	600.96	601.02	600.67	600.81	600.99	600.94	601.03	601.24	601.21	601.13	10 1200	601.67 25 0600 600.40

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

ANNUAL SUMMARY OF LEVELS
MARQUETTE, MI. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.22 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.91 AUG 1973
DAILY MEAN ELEVATION 602.07 6 SEP 1973
INSTANT/HOURLY ELEVATION 602.51 0700 27 SEP 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.87	5	JAN	1973
600.69	15	FEB	1973
600.76	17	MAR	1973
600.80	28	APR	1973
601.32	28	MAY	1973
601.63	29	JUN	1973
601.86	31	JUL	1973
602.02	20	AUG	1973
602.07	6	SEP	1973
601.94	16	OCT	1973
601.63	3	NOV	1973
601.53	5	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.47 FEB 1973
DAILY MEAN ELEVATION 600.29 27 FEB 1973
INSTANT/HOURLY ELEVATION 600.03 1700 14 MAR 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.44	31	JAN	1973
600.29	27	FEB	1973
600.30	6	MAR	1973
600.47	14	APR	1973
600.92	6	MAY	1973
601.26	1	JUN	1973
601.60	1	JUL	1973
601.76	5	AUG	1973
601.69	25	SEP	1973
601.54	30	OCT	1973
601.24	20	NOV	1973
600.99	24	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.20													0
602.00								1	4				5
601.80							3	25	17	2			52
601.60						1	27	5	9	24	2		122
601.40						16	1			3	11	2	155
601.20					15	9					17	8	204
601.00					12							20	236
600.80					4							1	244
600.60	3												299
600.40	22	3	5	25									346
600.20	6	16	20	5									361
		9	6										

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

DAILY WATER LEVELS
MARQUETTE, MI. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY	LOW TIME ELEV.
1	10	JAN 73	600.74	600.70	600.71	600.83	600.87	600.84	600.80	600.77	600.72	600.69			
11	20	JAN 73	600.77	600.67	600.65	600.66	600.61	600.61	600.62	600.62	600.60	600.66			
21	31	JAN 73	600.68	600.57	600.66	600.71	600.57	600.60	600.63	600.71	600.79	600.58	600.44	5 1900	601.08 21 1000 600.23
1	10	FEB 73	600.52	600.68	600.58	600.56	600.50	600.50	600.53	600.54	600.52	600.51			
11	20	FEB 73	600.31	600.32	600.44	600.63	600.69	600.52	600.35	600.35	600.44	600.48			
21	28	FEB 73	600.47	600.54	600.37	600.46	600.43	600.38	600.34	600.29	600.33		2 2000	600.84 27 0700	600.18
1	10	MAR 73	600.36	600.33	600.34	600.36	600.35	600.30	600.41	600.43	600.42	600.41			
11	20	MAR 73	600.53	600.58	600.50	600.52	600.61	600.65	600.76	600.70	600.57	600.54			
21	31	MAR 73	600.51	600.51	600.51	600.54	600.59	600.62	600.58	600.51	600.52	600.58	600.58	17 1900	601.02 14 1700 600.03
1	10	APR 73	600.66	600.67	600.69	600.69	600.54	600.61	600.68	600.69	600.72	600.67			
11	20	APR 73	600.59	600.62	600.52	600.47	600.54	600.66	600.62	600.65	600.67	600.62			
21	30	APR 73	600.67	600.69	600.74	600.76	600.76	600.77	600.76	600.80	600.80	600.74	600.74	21 0300	601.15 21 0200 600.16
1	10	MAY 73	600.93	601.14	601.22	601.03	600.94	600.92	601.00	601.09	601.13	601.16			
11	20	MAY 73	601.15	601.22	601.21	601.17	601.16	601.22	601.18	601.18	601.19	601.21			
21	31	MAY 73	601.17	601.21	601.20	601.22	601.23	601.24	601.27	601.28	601.32	601.26	601.23	601.25	28 0500 601.59 1 0400 600.44
1	10	JUN 73	601.26	601.28	601.30	601.30	601.35	601.32	601.33	601.38	601.40	601.48			
11	20	JUN 73	601.45	601.44	601.43	601.44	601.46	601.51	601.48	601.51	601.53	601.50			
21	30	JUN 73	601.45	601.56				601.57	601.59	601.58	601.63	601.59	601.59	10 1600	602.34 9 1300 600.84
1	10	JUL 73	601.60	601.68	601.61	601.65	601.64	601.63	601.69	601.70	601.67	601.71			
11	20	JUL 73	601.65	601.67	601.66	601.70	601.72	601.67	601.63	601.70	601.74	601.74			
21	31	JUL 73	601.69	601.72	601.70	601.69	601.65	601.63	601.67	601.75	601.82	601.74	601.81	601.86	7 1600 602.32 12 0900 601.14
1	10	AUG 73	601.85	601.80	601.79	601.79	601.76	601.80	601.82	601.87	601.90	601.91			
11	20	AUG 73	601.95	601.97	601.97	601.97	601.94	601.90	601.91	601.91	601.89	602.02			
21	31	AUG 73	601.91	601.99	601.94	601.97	601.96	601.91	601.91	601.98	601.91	601.95	601.94	601.96	27 1400 602.45 5 0400 601.26
1	10	SEP 73	601.93	601.93	601.97	601.97	601.96	602.07	602.06	602.00	601.96	601.90			
11	20	SEP 73	602.00	601.99	601.90	601.87	601.92	601.90	601.78	601.79	601.83	601.81			
21	30	SEP 73	601.87	601.70	601.70	601.86	601.73	601.69	601.78	601.81	601.78	601.82	601.78	27 0700	602.51 22 0300 601.18
1	10	OCT 73	601.74	601.74	601.74	601.74	601.76	601.71	601.71	601.71	601.71	601.69			
11	20	OCT 73	601.76	601.74	601.72	601.72	601.82	601.94	601.78	601.72	601.69	601.72			
21	31	OCT 73	601.70	601.64	601.65	601.68	601.62	601.61	601.63	601.67	601.66	601.55	601.54	601.55	16 0100 602.25 31 0800 601.25
1	10	NOV 73	601.60	601.63	601.63	601.59	601.55	601.52	601.44	601.43	601.53	601.41			
11	20	NOV 73	601.31	601.30	601.43	601.37	601.44	601.36	601.25	601.29	601.30	601.24			
21	30	NOV 73	601.39	601.27	601.26	601.28	601.36	601.32	601.27	601.27	601.37	601.28	601.42	3 0400	601.87 29 1600 600.66
1	10	DEC 73	601.24	601.18	601.25	601.37	601.53	601.39	601.18	601.09	601.23	601.44			
11	20	DEC 73	601.23	601.20	601.35	601.26	601.16	601.10	601.07	601.11	601.06	601.15			
21	31	DEC 73	601.17	601.12	601.06	601.12	600.99	601.03	601.11	601.08	601.04	601.07	601.06	601.09	1 0200 601.68 24 2000 600.68

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

ANNUAL SUMMARY OF LEVELS
ONTONAGON, MI. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.23 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.92 AUG 1973
DAILY MEAN ELEVATION 602.06 3 SEP 1973
INSTANT/HOURLY ELEVATION 602.83 0438 12 JUL 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.80	3	JAN	1973
600.60	1	FEB	1973
600.91	14	MAR	1973
600.97	20	APR	1973
601.35	25	MAY	1973
601.64	26	JUN	1973
601.75	6	JUL	1973
602.01	19	AUG	1973
602.06	3	SEP	1973
601.83	11	OCT	1973
601.55	1	NOV	1973
601.38	4	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.47 FEB 1973
DAILY MEAN ELEVATION 600.35 23 FEB 1973
INSTANT/HOURLY ELEVATION 599.85 1408 10 JUN 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.63	31	JAN	1973
600.35	23	FEB	1973
600.40	3	MAR	1973
600.63	10	APR	1973
600.44	4	MAY	1973
601.27	1	JUN	1973
601.58	12	JUL	1973
601.66	1	AUG	1973
601.68	20	SEP	1973
601.52	30	OCT	1973
601.29	16	NOV	1973
601.00	28	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.20													0
602.00								3	6				9
601.80								24	10	1			44
601.60						1	30	4	14	27			120
601.40						17	1			3	14		155
601.20					13	12					16	11	207
601.00					6							19	232
600.80			7	16	1							1	257
600.60	29		12	14	4								316
600.40		21	11		7								355
600.20		7	1										363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

DAILY WATER LEVELS

ONTONAGON, MI. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.	
1	10 JAN 73	600.72	600.76	600.80	600.70	600.79	600.77	600.78	600.71	600.63	600.68						
11	20 JAN 73	600.70	600.74	600.71	600.68	600.63	600.67	600.72	600.70	600.72	600.72						
21	31 JAN 73	600.71	600.74	600.73	600.68	600.69	600.67	600.73	600.76	600.64		600.63	3 1600	600.94	15 0700	600.50	
1	10 FEB 73	600.60	600.51	600.51	600.54	600.56	600.52	600.53	600.51	600.50	600.51						
11	20 FEB 73	600.52	600.54	600.50	600.52	600.47	600.45	600.37	600.39	600.42	600.42						
21	28 FEB 73	600.47	600.38	600.44	600.35	600.37	600.40	600.44	600.39	600.45			5 1800	600.70	21 1400	600.26	
1	10 MAR 73	600.42	600.47	600.40	600.41	600.51	600.49	600.47	600.59	600.57	600.53						
11	20 MAR 73	600.53	600.56	600.61	600.91	600.79	600.83	600.82	600.75	600.79	600.80						
21	31 MAR 73	600.68	600.79	600.82	600.82	600.77	600.80	600.81	600.81	600.78	600.80	600.76	600.78	14 1000	601.20	7 1400	600.20
1	10 APR 73	600.85	600.74	600.77	600.75	600.73	600.77	600.81	600.76	600.78	600.63						
11	20 APR 73	600.73	600.67	600.68	600.74	600.80	600.77	600.83	600.90	600.92	600.97						
21	30 APR 73	600.81	600.89	600.85	600.83	600.87	600.88	600.87	600.83	600.82	600.91		20 2000	601.19	10 2000	600.50	
1	10 MAY 73	600.54	600.65	600.48	600.44	600.52	600.60	600.65	600.60	600.67	600.60						
11	20 MAY 73	600.68	600.94	601.16	601.16	601.19	601.19	601.19	601.31	601.24	601.20						
21	31 MAY 73	601.00	601.22	601.28	601.23	601.25	601.35	601.32	601.31	601.26	601.24	601.25	601.29	25 1116	601.64	2 0020	600.17
1	10 JUN 73	601.27	601.32	601.34	601.28	601.29	601.28	601.28	601.32	601.34	601.41						
11	20 JUN 73	601.32	601.37	601.35	601.42	601.45	601.52	601.56	601.60	601.60	601.57						
21	30 JUN 73	601.46	601.56	601.58	601.58	601.57	601.60	601.64	601.59	601.54	601.56	601.59		10 1230	602.26	10 1408	599.88
1	10 JUL 73	601.64	601.66	601.63	601.63	601.64	601.75	601.74	601.66	601.67	601.63						
11	20 JUL 73	601.69	601.58	601.61	601.65	601.65	601.70	601.72	601.72	601.67	601.63						
21	31 JUL 73	601.66	601.61	601.62	601.65	601.68	601.63	601.61	601.64	601.63	601.67	601.70	601.65	12 0438	602.83	12 0425	600.66
1	10 AUG 73	601.66	601.71	601.73	601.78	601.83	601.88	601.90	601.94	601.92	601.94						
11	20 AUG 73	601.93	601.93	601.92	601.90	601.95	601.98	601.99	602.00	602.01	601.99						
21	31 AUG 73	601.92	602.00	601.97	601.96	601.94	601.92	601.96	601.92	601.95	601.98	601.99	26 1355	602.38	5 1005	601.48	
1	10 SEP 73	602.01	602.02	602.06	602.02	602.01	602.01	601.97	601.97	601.92	601.86						
11	20 SEP 73	601.87	601.88	601.89	601.83	601.88	601.78	601.77	601.78	601.76	601.68						
21	30 SEP 73	601.85	601.75	601.79	601.75	601.81	601.79	601.78	601.73	601.71	601.72	601.72		26 1447	602.38	26 2021	601.14
1	10 OCT 73	601.73	601.71	601.72	601.68	601.70	601.76	601.76	601.77	601.78	601.79						
11	20 OCT 73	601.83	601.77	601.70	601.69	601.63	601.65	601.65	601.66	601.69	601.64						
21	31 OCT 73	601.69	601.62	601.64	601.71	601.77	601.66	601.69	601.70	601.61	601.56	601.52	601.55	12 0400	602.12	28 2200	601.35
1	10 NOV 73	601.55	601.54	601.53	601.50	601.44	601.41	601.46	601.39	601.45	601.34						
11	20 NOV 73	601.36	601.41	601.45	601.41	601.39	601.29	601.34	601.34	601.30	601.43						
21	30 NOV 73	601.39	601.41	601.30	601.31	601.41	601.36	601.40	601.34	601.30	601.32	601.32		13 1435	602.00	22 0428	600.87
1	10 DEC 73	601.35	601.38	601.27	601.38	601.37	601.19	601.17	601.21	601.23	601.29						
11	20 DEC 73	601.21	601.22	601.25	601.18	601.19	601.12	601.09	601.14	601.09	601.11						
21	31 DEC 73	601.16	601.08	601.05	601.07	601.06	601.06	601.05	601.06	601.00	601.04	601.06	5 0200	601.58	28 1100	600.95	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

ANNUAL SUMMARY OF LEVELS
DULUTH, MINN. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.30 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 602.03 AUG 1973
DAILY MEAN ELEVATION 602.26 3 SEP 1973
INSTANT/HOURLY ELEVATION 602.64 1800 11 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.96	31	JAN	1973
600.79	1	FEB	1973
601.02	14	MAR	1973
601.14	20	APR	1973
601.62	25	MAY	1973
601.81	16	JUN	1973
602.00	23	JUL	1973
602.20	18	AUG	1973
602.26	3	SEP	1973
602.17	11	OCT	1973
601.71	20	NOV	1973
601.58	4	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.54 FEB 1973
DAILY MEAN ELEVATION 600.34 7 MAR 1973
INSTANT/HOURLY ELEVATION 600.02 1500 7 MAR 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.45	9	JAN	1973
600.35	21	FEB	1973
600.34	7	MAR	1973
600.50	16	APR	1973
600.90	3	MAY	1973
601.38	5	JUN	1973
601.55	13	JUL	1973
601.80	1	AUG	1973
601.63	22	SEP	1973
601.48	16	OCT	1973
601.12	8	NOV	1973
600.89	29	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.40													0
602.20								1	2				3
602.00							1	17	6	2			29
601.80						1	5	12	12	9			68
601.60					1	10	23	1	10	14	2		131
601.40					4	17	2			4	11	4	173
601.20					15	2					13	15	218
601.00			1	2	8						4	9	242
600.80	8		1	13	3							3	270
600.60	14	8	21	13									326
600.40	9	18	6	2									361
600.20		2	2										365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9064

DAILY WATER LEVELS
DULUTH, MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.					
1	10	JAN	73		600.58	600.89	600.94	600.51	600.70	600.77	600.80	600.68	600.45	600.51				
11	20	JAN	73		600.49	600.70	600.68	600.74	600.62	600.66	600.80	600.68	600.60	600.82				
21	31	JAN	73	600.70	600.84	600.69	600.58	600.65	600.64	600.82	600.89	600.54	600.53	600.84	600.96	27 0200	601.31	11 2200 600.20
1	10	FEB	73		600.79	600.56	600.55	600.67	600.75	600.43	600.47	600.43	600.49	600.65				
11	20	FEB	73		600.76	600.72	600.63	600.66	600.56	600.44	600.39	600.44	600.48	600.42				
21	28	FEB	73	600.54	600.35	600.48	600.44	600.53	600.50	600.60	600.44	600.59			5 1700	600.98	18 2300 600.10	
1	10	MAR	73		600.50	600.55	600.39	600.47	600.63	600.34	600.59	600.34	600.52	600.63	600.67			
11	20	MAR	73		600.67	600.66	600.81	601.02	600.63	600.71	600.61	600.54	600.65	600.70				
21	31	MAR	73	600.65	600.68	600.74	600.74	600.68	600.66	600.74	600.78	600.67	600.70	600.69	600.80	14 0900	601.25	7 1500 600.02
1	10	APR	73		600.85	600.64	600.66	600.67	600.71	600.79	600.86	600.84	600.93	600.58				
11	20	APR	73		600.73	600.65	600.70	600.78	600.77	600.50	600.87	600.92	601.13	601.14				
21	30	APR	73	600.80	600.91	600.65	600.76	600.84	600.85	600.82	600.79	600.83	600.98	601.00	19 2000	601.46	16 1700 600.19	
1	10	MAY	73		601.13	600.97	600.90	601.00	601.18	601.26	601.23	601.16	601.24	601.19				
11	20	MAY	73		601.17	601.17	601.22	601.23	601.19	601.12	601.32	601.50	601.32	601.32				
21	31	MAY	73	601.27	601.39	601.35	601.30	601.60	601.62	601.47	601.53	601.35	601.33	601.31	601.35	25 1000	601.94	3 1000 600.63
1	10	JUN	73		601.48	601.60	601.55	601.47	601.38	601.40	601.42	601.46	601.50	601.51				
11	20	JUN	73		601.47	601.43	601.50	601.58	601.59	601.81	601.70	601.77	601.74	601.65				
21	30	JUN	73	601.57	601.55	601.63	601.64	601.66	601.74	601.70	601.54	601.50	601.55	601.64	18 1700	602.13	12 0800 601.00	
1	10	JUL	73		601.74	601.68	601.61	601.58	601.69	601.77	601.72	601.64	601.70	601.67				
11	20	JUL	73		601.74	601.79	601.55	601.66	601.69	601.79	601.79	601.77	601.69	601.75				
21	31	JUL	73	601.75	601.78	601.88	602.00	601.98	601.84	601.78	601.73	601.73	601.83	601.84	601.80	12 0200	602.22	13 0700 601.11
1	10	AUG	73		601.80	601.82	601.87	601.94	601.96	602.01	601.99	602.07	601.97	601.86				
11	20	AUG	73		601.90	601.94	601.97	601.99	602.15	602.10	602.11	602.20	602.08	601.96				
21	31	AUG	73	602.03	602.12	602.12	602.10	602.13	602.12	602.11	602.07	602.09	602.02	602.09	602.19	26 1400	602.53	12 0800 601.58
1	10	SEP	73		602.24	602.16	602.26	602.15	601.86	601.84	601.94	602.06	601.99	601.75				
11	20	SEP	73		601.73	601.91	602.02	601.80	601.86	601.83	601.78	601.77	601.74	601.73				
21	30	SEP	73	601.90	602.01	601.63	601.85	602.10	601.94	601.87	601.80	601.78	601.86	601.87	3 1700	602.45	22 0700 601.21	
1	10	OCT	73		601.86	601.81	601.79	601.69	601.77	601.89	601.90	601.98	602.04	601.94				
11	20	OCT	73		602.17	601.80	601.66	601.74	601.50	601.48	601.69	601.76	601.69	601.78				
21	31	OCT	73	601.78	601.79	601.73	601.83	601.98	601.60	601.74	601.86	601.74	601.64	601.62	601.59	11 1800	602.64	15 2300 601.18
1	10	NOV	73		601.46	601.42	601.39	601.34	601.17	601.28	601.31	601.12	601.28	601.40				
11	20	NOV	73		601.37	601.47	601.65	601.51	601.48	601.33	601.57	601.36	601.44	601.71				
21	30	NOV	73	601.39	601.54	601.26	601.32	601.60	601.50	601.59	601.33	601.16	601.26	601.19	21 0100	602.25	7 2400 600.78	
1	10	DEC	73		601.50	601.48	601.19	601.58	601.38	601.23	601.25	601.40	601.21	601.18				
11	20	DEC	73		601.32	601.38	601.36	601.46	601.40	601.26	601.30	601.33	601.11	601.08				
21	31	DEC	73	601.25	601.15	601.06	601.29	601.33	601.19	601.34	601.17	601.05	600.89	600.96	600.97	4 1700	601.89	27 2400 600.60

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9064

ANNUAL SUMMARY OF LEVELS
TWO HARBORS, MINN., ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.13 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.72 JUL 1973
DAILY MEAN ELEVATION 601.91 24 OCT 1973
INSTANT/HOURLY ELEVATION 602.20 1100 26 JUN 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.90	3	JAN	1973
600.72	1	FEB	1973
600.89	14	MAR	1973
601.04	20	APR	1973
601.30	29	MAY	1973
601.72	18	JUN	1973
601.90	24	JUL	1973
		AUG	1973
		SEP	1973
601.91	24	OCT	1973
601.60	20	NOV	1973
601.50	4	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.51 FEB 1973
DAILY MEAN ELEVATION 600.33 21 FEB 1973
INSTANT/HOURLY ELEVATION 600.04 1500 7 MAR 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.46	9	JAN	1973
600.33	21	FEB	1973
600.34	7	MAR	1973
600.50	16	APR	1973
600.86	3	MAY	1973
601.38	6	JUN	1973
601.59	13	JUL	1973
		AUG	1973
		SEP	1973
601.57	31	OCT	1973
601.15	8	NOV	1973
600.90	29	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.00													0
601.80							4			2			6
601.60						9	25			9	2		51
601.40						18	2			1	11	5	88
601.20						3					14	13	133
601.00											3	10	160
600.80												3	177
600.60													237
600.40													280
600.20													285

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9070

601.20 ↑ 16 ↓ 15
 601.00 12 13
 DOWN

601.20 T MAY 21-39
 01-19

DAILY WATER LEVELS

TWO HARBORS, MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME	LOW DAY
1	10	JAN 73	600.60	600.86	600.90	600.54	600.68	600.75	600.77	600.67	600.46	600.52			
11	20	JAN 73	600.49	600.69	600.65	600.71	600.60	600.64	600.75	600.67	600.56	600.75			
21	31	JAN 73	600.67	600.77	600.66	600.56	600.63	600.62	600.76	600.79	600.50	600.51	600.76	600.89	3 0300 601.09 18 2100 600.28
1	10	FEB 73	600.72	600.52	600.54	600.61	600.71	600.41	600.46	600.42	600.47	600.62			
11	20	FEB 73	600.71	600.67	600.59	600.61	600.52	600.41	600.35	600.41	600.44	600.41			
21	28	FEB 73	600.51	600.33	600.45	600.39	600.46	600.46	600.54	600.41	600.53		5	1700	600.89 18 2200 600.09
1	10	MAR 73	600.46	600.50	600.36	600.42	600.56	600.52	600.34	600.49	600.57	600.61			
11	20	MAR 73	600.60	600.59	600.76	600.89	600.56	600.66	600.55	600.51	600.61	600.65			
21	31	MAR 73	600.60	600.64	600.69	600.69	600.64	600.61	600.69	600.74	600.63	600.65	600.64	600.73	14 0800 601.19 7 1500 600.04
1	10	APR 73	600.77	600.59	600.61	600.64	600.69	600.73	600.77	600.75	600.82	600.55			
11	20	APR 73	600.68	600.61	600.65	600.72	600.74	600.50	600.80	600.85	600.99	601.04			
21	30	APR 73	600.75	600.87	600.65	600.74	600.79	600.81	600.80	600.75	600.77	600.90	600.90	20	0300 601.28 14 1700 600.28
1	10	MAY 73	601.03	600.91	600.86	600.96	601.11	601.22	601.18	601.10	601.19	601.15			
11	20	MAY 73	601.16	601.14	601.17	601.20	601.21	601.16	601.25	601.09	601.22	601.27			
21	31	MAY 73	601.17	601.30	601.28	601.28	601.27	601.12	601.28	601.25	601.30	601.30	601.24	601.21	30 0400 601.54 31 0100 600.55
1	10	JUN 73	601.40	601.50	601.50	601.43	601.38	601.38	601.39	601.41	601.48	601.48			
11	20	JUN 73	601.42	601.43	601.48	601.55	601.55	601.67	601.65	601.72	601.68	601.63			
21	30	JUN 73	601.54	601.56	601.59	601.59	601.62	601.69	601.66	601.55	601.51	601.55	601.63	26	1100 602.20 11 1900 600.98
1	10	JUL 73	601.69	601.68	601.61	601.59	601.66	601.74	601.72	601.63	601.67	601.67			
11	20	JUL 73	601.70	601.72	601.59	601.65	601.66	601.75	601.77	601.74	601.68	601.71			
21	31	JUL 73	601.72	601.73	601.79	601.89	601.90	601.79	601.75	601.71	601.71	601.81	601.80	601.76	6 0600 602.05 4 1000 601.33
1	10	AUG 73													
11	20	AUG 73													
21	31	AUG 73													
1	10	SEP 73													
11	20	SEP 73													
21	30	SEP 73													
1	10	OCT 73													
11	20	OCT 73													
21	31	OCT 73	601.71	601.75	601.71	601.76	601.91	601.60	601.71	601.80	601.69	601.61	601.61	601.57	24 1300 602.11 31 2100 601.35
1	10	NOV 73	601.46	601.42	601.39	601.37	601.21	601.31	601.35	601.15	601.30	601.39			
11	20	NOV 73	601.38	601.45	601.60	601.46	601.43	601.32	601.52	601.36	601.40	601.60			
21	30	NOV 73	601.38	601.52	601.26	601.31	601.52	601.49	601.54	601.33	601.18	601.27	601.20	21	0100 602.00 7 2400 600.89
1	10	DEC 73	601.47	601.45	601.20	601.50	601.37	601.23	601.27	601.41	601.20	601.18			
11	20	DEC 73	601.30	601.31	601.29	601.43	601.38	601.26	601.27	601.31	601.11	601.08			
21	31	DEC 73	601.23	601.15	601.06	601.23	601.29	601.16	601.26	601.15	601.05	600.90	600.97	600.97	1 2000 601.74 27 2400 600.60

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9070

ANNUAL SUMMARY OF LEVELS
GRAND MARAIS, MINN., ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.18 IN 1973

HIGHEST

MONTHLY MEAN ELEVATION 601.88 AUG 1973
DAILY MEAN ELEVATION 602.03 4 SEP 1973
INSTANT/HOURLY ELEVATION 602.20 0400 10 OCT 1973

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.83	3	JAN	1973
600.60	5	FEB	1973
600.66	14	MAR	1973
600.85	20	APR	1973
601.29	18	MAY	1973
601.58	30	JUN	1973
601.73	29	JUL	1973
601.97	31	AUG	1973
602.03	4	SEP	1973
601.84	11	OCT	1973
601.48	21	NOV	1973
601.36	1	DEC	1973

LOWEST

MONTHLY MEAN ELEVATION 600.43 FEB 1973
DAILY MEAN ELEVATION 600.30 23 FEB 1973
INSTANT/HOURLY ELEVATION 600.12 0600 21 FEB 1973

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.48	28	JAN	1973
600.30	23	FEB	1973
600.34	4	MAR	1973
600.48	10	APR	1973
600.82	3	MAY	1973
601.26	1	JUN	1973
601.54	4	JUL	1973
601.70	1	AUG	1973
601.64	19	SEP	1973
601.47	16	OCT	1973
601.18	28	NOV	1973
600.91	29	DEC	1973

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1973
602.20													0
602.00									4				4
601.80								26	5	2			37
601.60							16	5	21	21			100
601.40						16	15			8	6		145
601.20					10	14					21	7	197
601.00					16						3	21	237
600.80					5							3	247
600.60	1			1									288
600.40	19		3	19									344
600.20	11	15	20	10									365
		13	8										

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9090

DAILY WATER LEVELS

GRAND MARAIS, MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.					
1	10	JAN	73	600.66	600.80	600.83	600.62	600.65	600.71	600.69	600.63	600.52	600.57					
11	20	JAN	73	600.55	600.67	600.64	600.64	600.60	600.62	600.64	600.61	600.53	600.62					
21	31	JAN	73	600.62	600.64	600.57	600.54	600.61	600.56	600.63	600.61	600.48	600.49	600.59	600.74	3 0400	601.06 18 1900 600.35	
1	10	FEB	73	600.58	600.48	600.50	600.52	600.60	600.43	600.43	600.41	600.42	600.50					
11	20	FEB	73	600.59	600.55	600.49	600.45	600.39	600.36	600.33	600.38	600.38	600.38					
21	28	FEB	73	600.43	600.30	600.40	600.30	600.35	600.37	600.40	600.36	600.41				5 1600	600.76 21 0600 600.12	
1	10	MAR	73	600.38	600.40	600.34	600.34	600.40	600.38	600.37	600.40	600.45	600.48					
11	20	MAR	73	600.48	600.48	600.48	600.64	600.66	600.52	600.56	600.46	600.44	600.52	600.54				
21	31	MAR	73	600.50	600.54	600.57	600.58	600.56	600.53	600.58	600.64	600.57	600.55	600.54	600.57	14 1500	600.95 6 0700 600.14	
1	10	APR	73	600.59	600.53	600.53	600.55	600.63	600.61	600.63	600.58	600.62	600.48					
11	20	APR	73	600.58	600.52	600.57	600.62	600.64	600.54	600.67	600.71	600.76	600.85					
21	30	APR	73	600.65	600.75	600.66	600.70	600.74	600.74	600.75	600.69	600.67	600.76	600.76			20 1800 601.32 16 1600 600.32	
1	10	MAY	73	600.84	600.85	600.82	600.87	601.00	601.09	601.08	601.02	601.08	601.09					
11	20	MAY	73	601.12	601.09	601.11	601.16	601.16	601.05	601.20	601.29	601.19	601.17					
21	31	MAY	73	601.12	601.19	601.21	601.18	601.23	601.28	601.27	601.24	601.21	601.21	601.24	601.23	25 0900	601.58 3 0900 600.68	
1	10	JUN	73	601.26	601.31	601.35	601.31	601.34	601.31	601.30	601.31	601.37	601.34					
11	20	JUN	73	601.32	601.37	601.39	601.44	601.44	601.37	601.50	601.56	601.50	601.54					
21	30	JUN	73	601.43	601.52	601.51	601.51	601.52	601.52	601.54	601.53	601.50	601.50	601.58			17 0100 601.82 16 0700 600.95	
1	10	JUL	73	601.56	601.58	601.57	601.54	601.59	601.59	601.58	601.58	601.59	601.57					
11	20	JUL	73	601.59	601.61	601.57	601.57	601.58	601.64	601.65	601.63	601.61	601.60					
21	31	JUL	73	601.62	601.61	601.63	601.68	601.71	601.66	601.65	601.63	601.66	601.73	601.71	601.69	1 1600	601.87 2 1000 601.30	
1	10	AUG	73	601.70	601.71	601.74	601.80	601.80	601.85	601.83	601.84	601.88	601.84					
11	20	AUG	73	601.82	601.84	601.85	601.84	601.88	601.96	601.93	601.96	601.95	601.90					
21	31	AUG	73	601.88	601.95	601.97	601.94	601.94	601.95	601.92	601.91	601.95	601.90	601.90	601.97	19 0800	602.17 11 0800 601.59	
1	10	SEP	73	602.02	602.01	602.01	602.03	601.86	601.80	601.83	601.85	601.85	601.74					
11	20	SEP	73	601.71	601.77	601.81	601.75	601.76	601.72	601.70	601.72	601.64	601.67					
21	30	SEP	73	601.78	601.74	601.65	601.67	601.77	601.78	601.74	601.77	601.72	601.69	601.73			4 0700 602.16 22 0700 601.32	
1	10	OCT	73	601.73	601.70	601.70	601.65	601.67	601.78	601.71	601.74	601.75	601.82					
11	20	OCT	73	601.84	601.79	601.64	601.63	601.53	601.47	601.57	601.64	601.62	601.65					
21	31	OCT	73	601.66	601.65	601.64	601.64	601.75	601.59	601.61	601.64	601.55	601.55	601.55	601.53	10 0400	602.20 14 0600 601.32	
1	10	NOV	73	601.45	601.43	601.41	601.38	601.25	601.29	601.37	601.20	601.27	601.31					
11	20	NOV	73	601.33	601.38	601.45	601.34	601.31	601.25	601.36	601.29	601.26	601.39					
21	30	NOV	73	601.33	601.48	601.30	601.29	601.35	601.39	601.43	601.33	601.18	601.32	601.20			29 1200 601.82 22 1900 600.98	
1	10	DEC	73	601.36	601.34	601.18	601.27	601.25	601.19	601.24	601.33	601.20	601.14					
11	20	DEC	73	601.24	601.13	601.16	601.19	601.19	601.16	601.16	601.16	601.07	601.03					
21	31	DEC	73	601.14	601.11	601.04	601.07	601.15	601.08	601.09	601.08	601.03	600.91	600.95	600.96	1 2100	601.56 29 2300 600.71	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9090

UP	DOWN
7023	6070
	6050
	4058
	7023 //
	3090
	3020
	3007
	9070

tests run to see if
rounding is up or down
on class boundary